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VOL. XCII.

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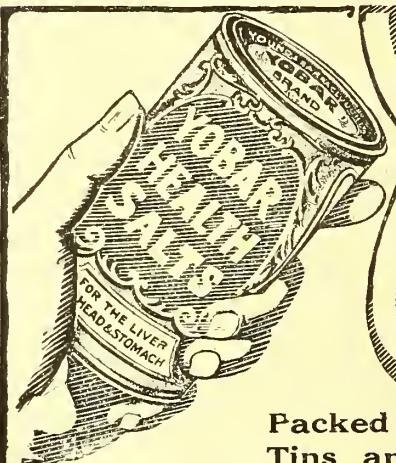
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NEDERLANDSCHE KININEFABRIEK, MAARSSSEN, HOLLAND

AGENTS.— R. W. Greeff and Company,
Thames House, Queen Street Place,
LONDON, E.C.4.



YOB AIR

HEALTH SALTS

A SPOONFUL A DAY
KEEPS THE DOCTOR AWAY.

Packed in First-Class Style in Attractive
Tins and Bottles.

A popular "draw"—and one that will sell at all times.
Provides the retailer with a steady income.—

Prices on application to—

YOUNG & BARRACLOUGH, Ltd., LEEIS.

BRIDGE BRAND.

PHARMACEUTICAL AND PHOTOGRAPHIC PRODUCTS.

R. W. GREEFF & Co. offer at lowest prices
the following products:—

(WHOLESALE QUANTITIES ONLY)

Acetanilid	Guaiacol Carbonate	Potash Sulpho-
Acetyl Salicylic Acid	Hexamine	Guaiacolate
Amidol	Homatropine	Quinidine and Salts
Amidopyrin	Hydroquinone	Quinine and Salts
Barbitone	Ichthyol Substitute	Quinoidine
Benzoic Acid	Kelene	Resorcin
Benzamine Hydrochlor	Lemon Oil	Saccharin
Benzamine Lactate	Lithia Carbonate	Salicylic Acid
Benzo Naphthol	Lecithin	Salicylate of Soda
Beta Naphthol	Menthol	Salol
Bromides	Mercurials	Soda Benzoate
Calcium Lactate	Methylene Blue Medicinal	Soda Hyposulphite
Chloral Hydrate	Methyl Salicylate	Soda Sulphite Anhydrous
Cinchonine and Salts	Metol	Sugar of Milk
Cinchonidine and Salts	Paraldehyde	Tannic Acid
Citric Acid	Peppermint Oil	Tannin Albuminate
Cocain	Pepsine	Tartaric Acid
Coumarin	Peptone	Terpineol
Creosote Carbonate	Phenacetin	Terpine Hydrate
Eucalyptus Oil	Phenazone	Theobromine
Gallic Acid	Phenolphthalein	Thymol Crystals
Glycerophosphates	Pyrogallic Acid	Vanillin

R. W. Greeff & Co.

THAMES HOUSE, QUEEN STREET PLACE,
LONDON, E.C.4.

MANCHESTER BRANCH

Lloyd's Bank Buildings,
King Street.

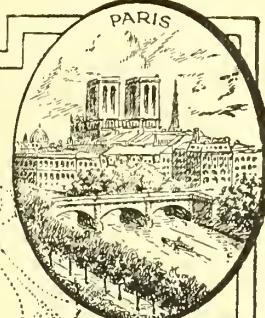
NEW YORK AGENTS

R. W. Greeff & Co., Inc.,
78, Front Street.

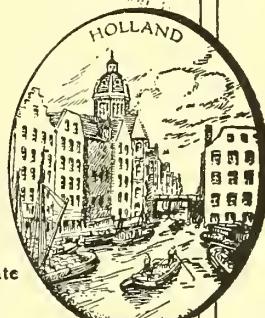
NEW YORK



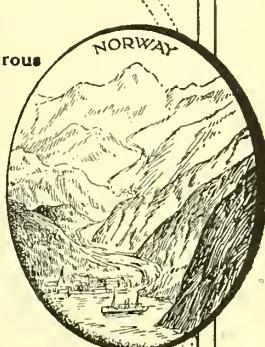
PARIS



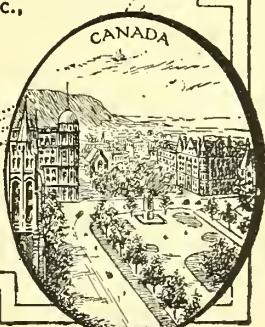
HOLLAND



NORWAY



CANADA



CURASOL

The Original

Boracic Socks

Hygienic
Soothing
Cleanly



The Acme
of Comfort

Selling Price **6d.** per Pair. Over 56% Profit on Outlay,
and sell at sight.

Trial Three Dozen assorted sizes in
substantial carton for counter or fitting **14s. 6d.**

Stock Boxes containing **Six Dozen**
assorted sizes from which carton can be refilled **24s. Od.**

2d. per dozen **allowance** if cash is sent with order.

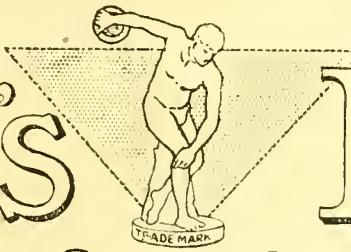
Send for Sample Pair (state size) and Showcard.

Stocked by all Sundriesmen, or direct from—

The Curasol Sock Co.,

*Remittances should be by Postal
Orders, Money Orders, or Cheques,
and crossed % Payee, Lloyds Bank.*

**19/20 Garlick Hill,
London, E.C. 4.**



Maw's Page.

S·MAW·SON & SONS · LTD
7/12. ALDERSGATE ST. LONDON. E.C.I., ENGLAND.

NO. 449
22 : 5 : 20

the Censor.

the Censor was the most official of the War period, of which, happily, we are easily erasing from our

censor, unhappy recipient of which, happily, was a sary public official.

once in our history, even go as far back as the South, we find that leakage of it loss of men.

apropos of the fact that I am framing a theory of another- ishership. I mean a busi- ship. A big distributing hould always have some influence upon the goods it id the service it gives. For the smallest line of mer- he goodwill of the house

iousness of one article of ity will wipe out all the on in the mind of a for the hundred and one satisfactory items of goods

use of Maw we have an censorship—a censorship ver obtrudes itself—never a *faux pas*—never for a laxes its vigilance.

or the reputation of the Maw is its own censorship. mber of its staff gives and loyalty to the big idea use of Maw must always he traditions upon which ss is built.

was a special staff set to ry article and every letter in house it could not do its efficiently than does the ess of every individual, se of Maw has a great to maintain and thousand s ips which are daily being gely cemented.

Discus

6 Tins of Quality

THE empty Carbolic Tooth Powder Containers here illustrated are made in two sizes as follows:

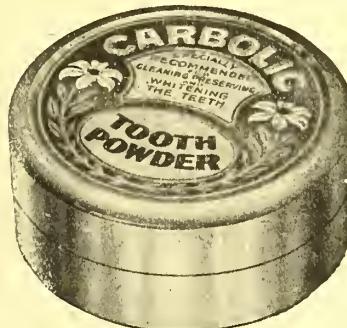
6d. size ... 2½ in. × 1½ in.
1/- " ... 3 " × 1¼ "

They are handsomely designed and elegantly printed in three pleasing colours upon the best quality gilt plate.

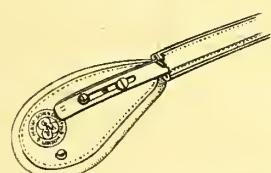
Here is your opportunity to replenish diminishing stocks of Tooth Powder Tins for the purpose of boxing own preparations.

PRICES—

6d. size ... 17/6 per gross.
1/- " ... 26/6 " "



Adjustable Trusses



WE have for disposal the balance of a stock of Adjustable Trusses.

These Trusses, thoroughly well made and finished in basil and skiver, with chamois pad, could not be made for anything like the price to-day. The spring and pad of the Truss are separate, the spring being fitted on the outside of pad with adjustable screws, as shown in accompanying illustration, allowing approximately one inch alteration in length of Truss.

A 33-inch Truss can thus be converted into a 34-inch Truss in a few seconds. We have a stock of the following:

Right and Left	...	...	...	...	...	8/6 each
Double	...	...	...	...	...	10/6 ..
Sizes	Right	Left	Double	Sizes	Right	Left
32-inch	5	5	1	36-inch	7	18
33 "	—	6	2	"	14	11
34 "	11	11	—	38 "	8	7
35 "	15	—	1	39 "	6	6
						4

We would urge early ordering, as it is impossible to repeat. These Trusses would prove exceedingly useful for chemists, in view of the adjustable size.

Owing to the increased cost of raw materials, bottles, labour, etc., we have been compelled to raise the prices of

POTTER & MOORE'S MITCHAM

LAVENDER WATER

The following prices will rule from May 1, 1920—



Size	Wholesale Price	Retail Price
No. 42	13/- per doz.	1/6 each
No. 43	21/6 "	2/6 "
No. 44	39/- "	4/6 "
No. 45	74/- "	8/6 "
No. 46	120/6 "	14/6 "
$\frac{1}{4}$ -Pint	120/6 "	14/6 "
$\frac{1}{2}$ "	16/- each	24/- "
1 "	30/- "	45/- "
Flasks	36/- doz.	4/3 "
" small	15/- " ...	1.9 "

TERMS.

5% discount on a parcel exceeding £5 in value.
10% " " " £10
 $2\frac{1}{2}$ % " " allowed if " account be settled within 30 days.

Net 90 Days.

Sole Proprietors: W. J. BUSH & CO. LTD.

ASH GROVE, HACKNEY, E. 8.

Lavender Distillery, Mitcham, Surrey.

THIS popular "Distol" Otto makes a charming and lasting floral perfume whose fragrance tantalisingly eludes recognition, since it is not culled from one flower alone, but is a piquant blending of the odours of many.

Incidentally, "Rozalea" illustrates the admirable simplicity of "Distol" Ottos, this complex odour being quickly prepared from one single concentrate by the addition of S.V.R. and distilled water at a total cost of 1/1 per oz. (9d. per oz. if the maximum proportion of water is used).

Samples of perfume made from "Rozalea" and any other five odours, together with a copy of the current number of the "Distol" Review, "Profitable Perfumery," sent free to any pharmacist on request.

THOMAS KERFOOT & CO LTD.
BARDSTLE VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1767.

Every Small
Bottle nets you

6½ D. PROFIT

MILTON

Every Large
Bottle nets you

1/1 PROFIT

TRADE

MARK

REGISTERED

IF YOU DISPLAY IT

Every Small Bottle
nets you **8½ D.** PROFIT

Every Large Bottle
nets you **1/4½** PROFIT

No matter how small the Order, and even without taking
advantage of cash discounts our new terms show you a profit of—

27.08% ON RETAIL PRICE ON EVERY SMALL BOTTLE
30.95% ON RETAIL PRICE ON EVERY LARGE BOTTLE

DISCOUNTS: On a £3 order we give $2\frac{1}{2}\%$ for cash in 7 days—
this gives you—

28.9% ON RETAIL PRICE ON EVERY SMALL BOTTLE
32.47% ON RETAIL PRICE ON EVERY LARGE BOTTLE

DEMAND—MILTON SALES for the first 4 months of 1920 are already
more than double our output for the whole of 1919. Are you getting your
share of the demand?

DISPLAY ALLOWANCE

We allow you a handsome bonus for Window Displays. If you take advantage
of this offer your profit reaches the exceptional figure of

37.34% NET PROFIT TO YOU

Details of this Window Display Allowance on Application

NEW RETAIL PRICES

Small Bottle

2/-

Large Bottle

3/6

*A new Trade Price List has been
sent to you.*

We have had to raise the retail price of
MILTON; increasing costs compelled us;
but at the same time we have made a big
increase in the retailers' margin of profit.

**Milton Manufacturing
COMPANY, LIMITED**

**125 BUNHILL ROW,
LONDON - - E.C.**

Telephones:
Central 1649
London Wall 1145
London Wall 4395

Telegrams:
"Ocnolim—Finsquare, Ldn"

AYRTON'S WEEKLY

PAGE
15

everybody's favourite !

Lemonade made with Ayrton's Lemonade Tablets makes a hit with the whole family. Father says it's the real goods; and baby, well! he just loves it too. It has the full flavour of fresh ripe lemons and is both cooling and refreshing.

No sugar is required, and it is easily and quickly prepared. Drop a tablet in a tumbler—in a few moments you will have a sparkling health-giving lemonade which tastes like *more*!

Ayrton's Lemonade Tablets are conveniently packed six tablets in a tube and twelve tubes in an outer. Our show material makes sales if you let it.

P.A.T.A. Retail - - - per tube, 6½d.
Wholesale, per dozen, 4/10; per gross, 58/-

AYRTON, SAUNDERS & CO. LTD.
Manufacturing Chemists

34 Hanover Street, LIVERPOOL

"CUTEX" NAIL PREPARATOR



E want every Chemist and Perfumer to make it worth while, and to take full advantage of our great Press advertising campaign.

Have you seen "**Cutex**" displays in the "ail Mirror," "Sphere," "Sketch," "Tatler," "Vogue," "Queen," "Illustrated London News," "Sporting and Dramatic," "Bystander," "Sunday Express," etc. etc.

We received over 8,000 applications for "**Cutex**" sample sets during the first two weeks.

In spite of all imitations, there is nothing to equal **"Cutex"** which is packed in dainty Black boxes with a Pink seal.

ON THE OPPOSITE PAGE

We are making two special offers of "**Cutex**." The assortment of articles is suitable in both offers, for any and every district, although they can be varied if you wish. All we ask you to do is to display "**Cutex**" in your window and on your counter. "**Cutex**" and a discriminating public will do the rest of the work in order to earn you good money.

Manufactured by

NORTHAM WARREN CORPORATION, Montreal and New York
Sole Agents for the U.K.—

HENRY C. QUELCH & CO.
4 & 5 Ludgate Square, LONDON, E.C. 4.

“CUTEX”

Parcel.

		Cost	Sells for
“Cutex”	Cuticle Remover	... £ 1 1 6	£ 1 10 0
”	Nail White ...	... 1 1 6	1 10 0
”	Trial Nail Cakes	... 7 0	10 6
”	Polishing Paste	... 1 1 6	1 10 0
”	Liquid Enamel	... 12 9	18 0
”	Manicure Sets	... 1 16 6	2 8 0
		£ 6 0 9	£ 8 6 6

OR DISPLAY:

Trial Cakes, FREE	10 6
-----------------------	-----	-----	------

With order

... 6 0	£ 5 14 9	£ 8 17 0
---------	---------	----------	----------

£3.2.3 = 55% on the outlay.

Parcel.

		Cost	Sells for
1	“Cutex” Cuticle Remover	... £ 2 3 0	3 0 0
4	” Nail White ...	... 1 1 6	1 10 0
7	” Trial Nail Cakes	... 14 0	1 1 0
2	” Nail Sticks ...	... 16 0	1 4 0
3	” Polish Powder	... 16 0	1 4 0
0	” Polishing Paste	... 1 1 6	1 10 0
1	” Liquid Enamel	... 1 5 6	1 16 0
3	Cuticle Comfort	... 1 1 6	1 10 0
6	Manicure Sets	... 1 16 6	2 8 0
7	” ” at 93/-	... 1 3 3 11/6 each	1 14 6
		11 18 9	16 17 6

OR DISPLAY:

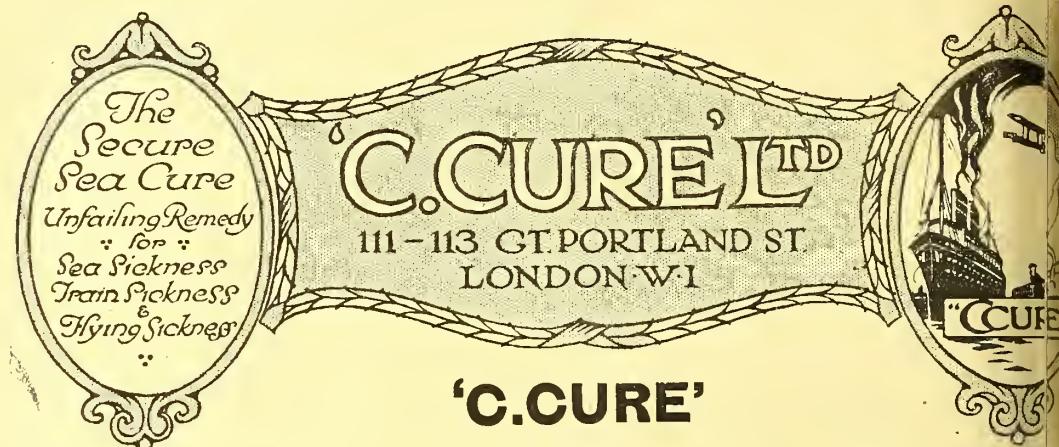
6 Manicure Sets, FREE	1 4 0
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With order

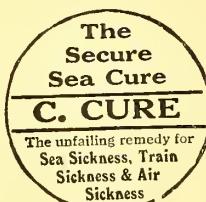
... 11 11	£ 11 6 10	£ 18 1 6
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£6.14.8 = 59½% on the outlay.

icles are delivered Carriage Paid. Both of these offers can be charged to the ordinary monthly account. Net if it is preferred.



SECURE
THE
SECURE
SEA CURE,
"C. CURE."



"C. CURE"
SECURES
SECURITY
ON THE
SEA

Cures

Sea Sickness & Train Sickness

Manufactured wholly in Great Britain, of British ingredients.

PROTECTED PRICES OF "C. CURE"
packed in aluminium boxes enclosed in decorated carton.

LARGE SIZE 8/- per box. Contains capsules for Four Journeys.

SMALL SIZE 4/- per box. Contains capsules for Two Journeys.

Each box contains twice the value of any other sea-sickness remedy.

DISCOUNTS

TO <i>CHEMISTS</i>	25% Discount	For quantities up to Six Dozen.
	25% & 10%	For quantities over Six Doz. & under 12 L.
	25% & 15%	For quantities over Twelve Dozen.
	Special Extra Cash Discount 2½%.	

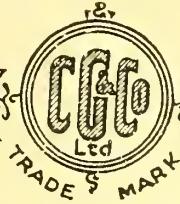
All accounts must be paid on 20th month following date of invoice.

Correspondence invited from wholesale and retail chemists in every part of the world.
Correspondence in all languages. Apply to

"C. CURE," Ltd., 111-113 Gt. Portland St., London, W.1

Telephone: 4510 Mayfair.

Telegrams: "Cecurico, Wesdo, Lond."



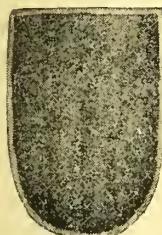
Seasonable Goods



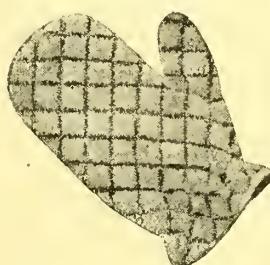
S. 110
Bath Strap (Loofah and Turco),
13/- per doz.



S. 1870
Loofah Washing Pad,
3/6 per doz.



S. 1842
Sponge Glove
(Loofah and Turco),
12/- per doz. pairs.



S. 1847
Sponge Glove
(Turco),
21/- per dozen pairs.



S. 1846
Sponge Glove
(Turco),
12/- per doz. pairs.

CUXSON, GERRARD & CO., LTD.

OLDBURY, NEAR BIRMINGHAM.

Export Inquiries Specially Invited.

DE LUZY

THE "Repeat Order" Line.

Without any sensational sales campaign we are opening an average of 30 new accounts a week—a large percentage of repeats arriving a month from date of supply. Many clients have repeated three times already.

May we send you
Sample & Terms?

PIERROT

Paul Poiret's most beautiful perfume.

You make

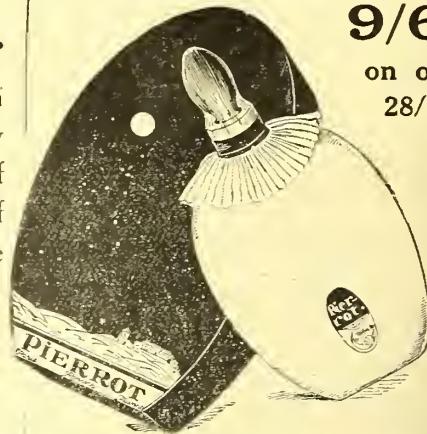
9/6 profit

on one bottle

28/6 retail,
less 3%

Mod.
Pierrot
Satin
line
with 1
oz.

One sa
shows all
same proje
a mornin
dispensi



LAST WEEK OF PERFUMES AT PRE-BUDGET TARIFFS

W. H. CALNAN & CO., 30-32 LUDGATE HILL, LONDON, E.C.

DODGE & OLCOTT CO.,

20 MARK LANE
LONDON, E.C.

THE "D & O" BRAND

is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT,
SASSAFRAS, ETC.

BALSAMS of Copaiba, Peru, Tolu,
TONKA BEANS, Angosturas.

Phone—
CITY 2468.

Telegrams:
"EGDARF, FEN, LONDON"

WE ARE ACTUAL MANUFACTURERS OF POWDER PUFFS

Send for Price List of our Special Lines of Wool Pads and Mignonnetts,
WHOLESALE AND EXPORT ONLY.

BRUSSELS. **THEO. VAN DER HEYDEN,**

118-122 HOLBORN, E.C. 1. Tel.: Holborn 1873.

PARIS:

17 Rue de la Grande
Batelière.

The Daily Mail The Daily Mirror

THE LADIES' FIELD

The Sketch

THE TATLER

LONDON MAIL

THE PASSING SHOW

Public Opinion

The PATRICIAN

WE have pleasure in announcing that contracts have been closed by us for a large advertising campaign for our Parfums de Nicolai.

Discriminating users of the most exclusive and distinctive perfumes have long favoured the Nicolai creations.

We desire to heartily co-operate with the Retail Trade in advertising, in dealer co-operative plans, window and display cards — all for added profit to you and greater prestige — giving the public what they desire — the best.

Write us for full particulars

A.F.A. Chemical Co. Ltd.
Les Parfums de Nicolai.
 Laboratories
 31 Duncan Terrace, City Road,
 London, N.1.
 Paris.
 New York.



PARFUMS DE NICOLAI
 Jazz de Nicolai
 Supreme in fragrance
 Distinctive in aroma
 Delectably sweet
 AN ORIGINAL AND SENSATIONAL PERFUME
 PARTNER TO A.F.A. PICCADILLY CIRCLE, LONDON & PARIS

he advertising of a famous perfume

TERPENELESS OILS BRITISH MADE

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the world.

WE SPECIALISE IN TERPENELESS :
Anise (Anethol)

Bay

Bergamot

Caraway

Cassia

Cinnamon

Clove

Dill

Geranium

Ginger

Juniperberry

☒

Lavender

Lemon

Limes

CITRAL

Mandarin

Nutmeg

Orange

Peppermint

Petitgrain

Rosemary

**CINNAMIC
ALDEHYDE
GERANIOL**

☒

EUCALYPTOL

SICILIAN
LEMON - BERGAMOT
ORANGE - MANDARINE

SPINELLI

The Oils that have a Long
Reputation for Quality

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that the "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any analysis as to purity.

HOLLANDS DISTILLERY LTD.

Lavington Street, Southwark, LONDON, S.E.1.

A B C Code, 5th Edition.
Western Union.

Telegrams: "LANDSLOH LOND."
Telephone: Hop 898.

AMERICAN AGENTS—O. A. BROWN CO. INC., 99-101 Beckman Street, NEW YORK.

CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, TORONTO.

NO INCREASE!!!

The greatly increased duty on Spirit means a corresponding rise in the cost of Perfumery. Our friends would do well by stocking "Lescol Illusions" at **no increase in price**. Each bottle is equivalent to a 3-oz. bottle of Spirituous Perfume.

Supplied in following Odours : **Lily, Parma Violets, Carnation, Trefle, Mimosa and Sweet Pea.**

Write for our Price List for these and all other Lines in Stock.

THE LESCOLO PERFUMERY CO.

(Proprietors, The London Essence Co., Ltd.)

Lomond Grove,

Camberwell, London, S.E.5.

Phone: 810 Hop.

Telegrams: "VANILLIN, CAMBER, LONDON."

SYNTHETIC OTTOS

"Zinyl" Brand (Regd.)

TRUE SYNTHETIC PRODUCTS

TOILET PREPARATIONS

¶ These Synthetic Ottos, by reason of their enormous concentration, are most economical in the manufacture of the above, and are, of course, far away stronger than the "concentrated perfumes" offered, under various fanciful titles, the basis of which consists of essential oils directed to be diluted with from 40 to 50 volumes of spirit.

¶ Contrast this for instance, (1) with the synthetic **Otto of Neroli**, "Zinyl" Brand, which in the proportion of $\frac{1}{4}$ -oz. to the gallon of spirit is equal to a concentration of 220 times, or about five times as strong! This gives an excellent basis for Eau de Cologne, and we suggest a reference to "Pharmaceutical Formulas" for many admirable forms for this and other perfumes.

¶ (2) Yet the present price of this Otto is only 10/- oz., against to-day's value of fine oil of Neroli about 72/- oz., and 5 drachms of the Synthetic Otto are equal to one ounce of the natural Oil.

¶ These Synthetic Ottos are actually stronger than the essential oils they are intended to replace—no elaborate "instructions for use" are necessary, they are used in exactly the same way as the corresponding natural oil, and better formulæ for all Toilet Preparations are not to be found than those given in the above work.

H. E. STEVENSON & CO.

Manufacturing Chemists and Wholesale Druggists,

122 GREAT SUFFOLK STREET, LONDON, S.E.1.

NESTOR MOURANCHON.

Offices: 40 Rue Damremont, PARIS. Telegrams: "Barthgay Paris." Telephone: Marcadet 15/82.
Distilleries and Laboratories; Chateauneuf-Val-St.-Donat (nr. Grasse), and Romans (Drôme).

SPECIALITIES: Menthes, Neroli, Petitgrain, Patchouli, Otto of Rose, Violet Essence, Gant de Saxe.

"ESSENCES DE MONTAGNE" and Imported Products.
Lavender, Aspic, Thyme, Giroflé, Badiane, Geranium, Ylang Ylang, Musk, Ambre.

PRICE LIST ON APPLICATION TO WHOLESALERS ONLY.

Sole Agents for British Isles and Colonies:—

A. BREZET & CO. LIMITED,

19 ST. DUNSTAN'S HILL, LONDON, E.C. 3.

Telephone: Avenue 3543.

Telegrams: "Abrezical, Phone, London."

AMERICAN ESSENTIAL OILS

"MOHAWK" BRAND

OIL PEPPERMINT (Natural)

OIL CEDARWOOD

OIL HEMLOCK

OIL CEDARLEAF

OIL BIRCH

Heliotropine Crystals C.P.

Vanillin C.P.

Coumarin C.P.

Oil Wormseed, American.

Oil Wintergreen Leaf,

U.S.P.

MAGNUS, MABEE & REYNARD, Inc.

*Essential Oils, Chemicals and Drugs,
NEW YORK - - U.S.A.*

Cables—"MAGLAUR."

PURE ESSENTIAL OIL OF HOE.

Singly and fractionally distilled.
HIGHEST CONCENTRATION AND PURITY GUARANTEED

Prices, samples and information
from the distillers:—

WHITE, TOMKINS & COURAGE, LTD.

HEAD OFFICE:

48 Mark Lane, LONDON, E.C. 3.

And at
LIVERPOOL, BELFAST, BOSTON, and TANDRAC.

The Dance Toilet

Requisites is a feature which Progressive Pharmacists are reaping a good harvest from. They are not allowing Hair Dressers and Barbers to get the cream of the business. R325 is one of many Business-Bringing Blocks used to-day with good results.

CHEMISTS' DESIGN SERVICE,

12 Humberstone Gate,
LEICESTER.



R325. 36.

LONABARC TRADING COMPANY

LIMITED.

5 FINSBURY SQUARE, LONDON, E.C.2.

WE ALWAYS HOLD LARGE LONDON STOCKS OF:

SPIKE LAVENDER.

ROSEMARY.

RUE.

JUNIPERWOOD.

JUNIPER BERRY.

FENNEL.

NEROLI BIGARADE.

LAVENDER 10/12 ESTERS.

PENNYROYAL.

RED THYME.

WHITE THYME.

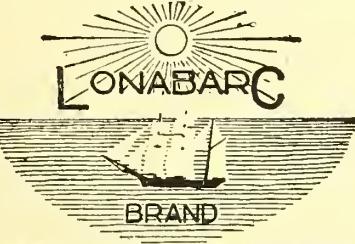
LAVENDER FLOWERS.

STRAMONIUM LEAVES.

CHAMOMILE FLOWERS.

EUCALYPTOL CRYSTALLIZABLE.

PURE
ESSENTIAL



SPANISH
OILS.

TELEPHONE:

CLERKENWELL 2096.

TELEGRAMS:

"LONABARC, AVE, LONDON."

Cresp-Martineng
(Grasse, France),

Manufacturers of

ESSENCES & PRIME
MATERIALS for MANUFACTURING

PERFUMERS,
CONFECTIONERS,
ETC.

SYNTHETICS

ARTIFICIAL VIOLETS
(MYRIONE)

Artificial Musk

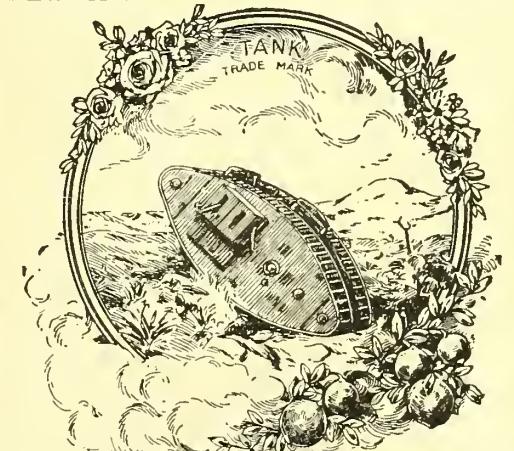
INQUIRIES SOLICITED. LARGE STOCKS

ROBERT FERBER, LTD.
98/104 OAKLEY STREET,
LONDON - S.E.1.

Agents for the
UNITED
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NEW CROP

1919-1920



PURE ESSENTIAL OILS

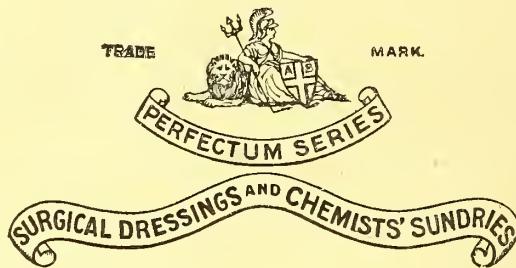
TERPENELESS ESS. OILS

NEROLI "D'ITALIA"

The Best on the Market.
EXPORTATION THROUGHOUT THE WORLD

Export Agent:
Giuseppe Macajone, MILAN
(Italy).
Via Canova 25

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Code A B C, 5th Edition



Telephones :
CLERKENWELL 1341
,, 1342
,, 1343
(Private Exchange)

*Our Latest Designs in Novelties can
now be inspected in our New Showrooms.*

**BATHING CAPS, BATH GLOVES,
SPONGE BAGS, HOLDALLS, PUFFS, Etc.,**
of EXQUISITE TASTE and NEW MATERIALS.

A GOOD ASSORTMENT OF
**COMBS, BRUSHES, MIRRORS, CUTLERY,
MANICURE SETS, VACUUM FLASKS,**
SUITABLE for ORDINARY and HIGH-CLASS TRADES.

**FAVOURABLE PRICES
PROMPT DELIVERY**

ARTHUR BERTON, LTD.

Manufacturers, Import and Export Merchants

Registered Office, Showrooms and Warehouse :

15/17 Worship Street

LONDON, E.C.2

46a Market Street

MANCHESTER

11 Miller Street

GLASGOW

The SUPREMACY of

PREEMO

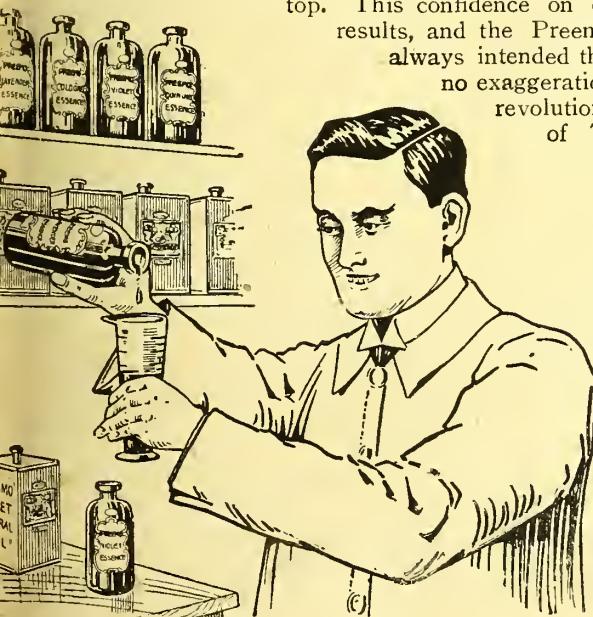
*Concentrated Essences,
Floral Ottos & Compounds*

IS

ACKNOWLEDGED

by the Leading Chemists and Perfumers
THE WHOLE WORLD OVER

THE Phenomenal Success of the Preemo Products both at home and abroad is due to nothing else but sheer merit. At the time when Preemo Essences were first introduced we sincerely believed that although there were various brands of Essences on the Market there was still room for something better—still room at the top. This confidence on our part has been fully justified by results, and the Preemo Products stand to-day where we always intended they should stand—at the Top. It is no exaggeration to say that the Preemo Co. have revolutionised and simplified the manufacture of Toilet Preparations and Perfumes.



SPECIAL NOTICE.

We are an independent Company and the readers of this paper are asked to note that the Preemo Co. have no connection with any other Essence House either in France or elsewhere.

Free Samples

of the Preemo Essences may be had on request.

THE PREEMO CONCENTRÉ & ESSENTIAL OIL COMPANY,
HIGH HOLBORN, LONDON, W.C.1.
Telephone : HOLBORN 3095.

32 RUE DE MONTENOTTE, PARIS.
Telephone : WAGRAM 27-35.

A. BOURJOIS & Cie, Ltd

66 CARTER LANE - LONDON, E.C.4

Please note that the prices of

Poudre de Riz de Java (Bourjois)

are as under :

2/- size.	No. 45	1/3 size.	No. 495
1 doz. -	16/- per doz.	1 doz. -	11/- per doz.
6 "	15/9 "	6 "	10/9 "
12 "	15/6 "	12 "	10/6 "

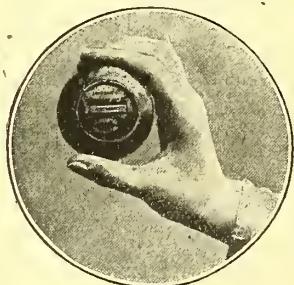
The P.A.T.A. prices for Java Powder have been increased to
May 1, 1920. 2/- and 1/3 per box.

MOUSLEY'S "BEAVERPUF"

Patent Nos. 4931 and 4932

The Ladies' Natty Friend.

B. quality
Brown
Fur,
3/11
each,
Retail.



G. quality
Grey Fur,
4/6
each,
Retail.

Additional Powder Bags, 6d. each, Retail.

Revolution in Powder Puff Manufacture.

Thousands already sold.

Now stocked by leading Wholesale Houses.

Usual Trade Discounts.

Patentee and Sole Manufacturer:

F. A. MOUSLEY.
Priest Bridge, Mortlake, London, S.W.14.

Perspiration Troubles

LET US SEND YOU BUSINESS

There is a growing demand for Dulc-o-the toilet water which corrects excess perspiration and obviates the use of dress shields. A doctor writes: "I find it splendid preparation."

Send 20/- for a trial dozen 2/6 bottles at showcards, your name will then be placed on our depot file and all future inquiries from your district will be directed to you.

Dulc-o-do

Corrects Under-Arm Perspiration

Scott's Chemical Co.
47, Huddleston Rd.
London, N.W.3



LINDS

ANTISEPTIC

Dental Cream and Dental Powder YIELDS $133\frac{1}{2}\%$ PROFIT.

Are you stocking any other line which shows you such a handsome return for selling? We unhesitatingly say there is none.

REMEMBER ALSO THAT THE QUALITY HAS NOT BEEN SACRIFICED IN ORDER TO PROVIDE THIS ASTOUNDING PROFIT.

*Terms.—Monthly account 2½% discount. Cash with order, an additional 1½% discount.
Minimum direct parcel :—50/-, unless cash is sent with order.*

You can obtain "LINDOL" from your usual wholesaler on these terms for any quantity, however small.

Selling Agents for the Provinces, Ireland and Export:

Messrs. PATTINSON & MACKIE, LTD.

Albion House,
59 New Oxford St.,
London, W.C.1.

Sole Manufacturers:

A. & E.

CARRERAS

INNERT
Limited

207 King Street,
Hammersmith,
London, W.6.

Think it over!

THESE ARE
JUST THE
LINES YOU
WANT.

"Leona" Series are of
tip-top quality, beautifully
packed, well advertised,
leave you a good profit,
and are on the P.A.T.A.



"LEONA" DENTAL CREAM

(Mint or Thymol)

Small Size	...	Cost 4/6 per dozen	Sell @ 7½d.
Large Size	...	" 8/- " "	" @ 1/3

Recommended by the Institute of Hygiene.

"LEONA" CREME DE BEAUTE

Cost 12/- per dozen Sell @ 1/6

A Delightfully Perfumed Vanishing Cream packed in
handsome 2-oz. opal pots.

"LEONA" BRILLIANTINE (SOLIDIFIED)

Cost 8/6 per dozen Sell @ 1/-

Packed in beautifully embossed tins and cartons.

POUDRE "LEONA"

Cost 8/- per dozen Sell @ 1/-

Richly perfumed and packed in gold-blocked boxes.

Every Line is a work of art.

Ask your wholesaler to show them to you, and

YOU WON'T REGRET IT

Sole Manufacturers and Proprietors—

THE JACKSON CO., 172 St. JOHN STREET, LONDON. E.C. 1

Forhan's for the Gums— Prevents Pyorrhea.

PREVENTION is the best cure for Pyorrhea.

Forhan's For the Gums will keep the teeth white and clean, make the gums firm and healthy, and prevent infection.

In recommending Forhan's to your customers your word is backed by leading dentists the world over.

They have tested Forhan's and established the truth of our claims.

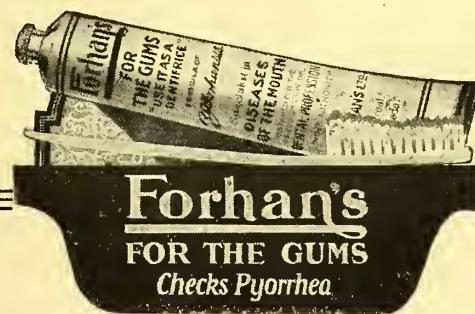
Forhan's contains ingredients for the treatment of Pyorrhea and can be used both as a tooth paste and as a massage for sore and bleeding gums.

We are informing the public on the merits of Forhan's in a widespread advertising campaign. You can benefit by this advertising and the recommendations of dentists, by stocking Forhan's. Prices on request.

FORHAN'S LTD., Montreal.

Sole Agents:

THOS. CHRISTY & CO.,
4-12, Old Swan Lane, London, E.C. 4.



Enolin

TOOTH PASTE

“STRONG” OR “MILD”

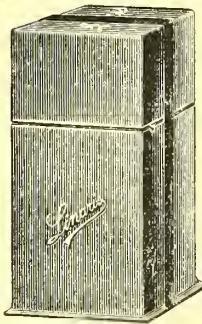
THE SUPER PASTE

“ENOLIN” IS ALSO SUPPLIED IN POWDER FORM, 6d. and 1s. TINS.

SOLE MANUFACTURERS & PROPRIETORS:

A. & E. CARRERAS, *Perfumers*,
207 King St., Hammersmith, London, W.6.

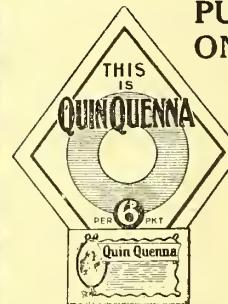
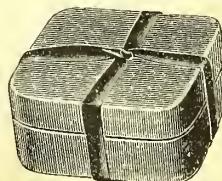
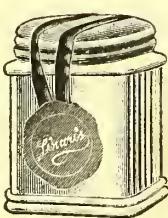
Selling Agents for
Provinces, Ireland and Export
MESSRS. PATTISON & MACKIE, LTD.
Albion House, 59 New Oxford St.,
London, W.C.I.



Linaris

BATH POWDERS
FACE POWDERS (all tints)
SKIN FOOD
BEAUTY CREAM
TONIC CREAM
VANISHING CREAM
BATH SALTS, etc. etc.

Linaris
Dept. I 31 Westbourne Grove
W.2.



**PUT A DIAMOND
ON YOUR WINDOW**

and see the people once, read, and come right in for 6d. packet of “Quin-Quenna” times out of ten. This no “fairy tale,” try it yourself, but give the “Diamond” a chance by a place well the front.

This is the newest neatest idea to help “Quin-Quenna” Chemists. One “Diamond” with every 6 doz. carton.

NOTE...

4/- 43°/ 6.
DOZ. P.A.A.

PROFIT

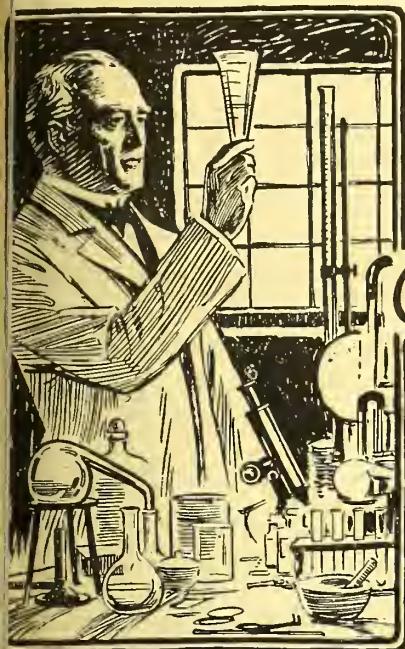
WE WILL POST YOU
IMMEDIATE

1x6 doz. Carton and 1 doz.
Bonus. Showcards, Window
Bill, Wrappers, and one
“Diamond” “Quin-Quenna”
Seller

IF YOU WILL ONLY WRITE
“DIAMOND” ON A POSTCARD

Quin-Quenna
BETTER THAN A SHAMPOO

Thos. Christy & Co., 4-12 Old Swan Lane E.C.4.



Of Guaranteed Purity

The exceptional Purity of all the EUCRYL Preparations ensures for them a Ready Sale

THE Public, used to higher prices, have created for themselves a higher standard of quality and value, and therefore demand and *will* have the best.

EUCRYL

Tooth Powder & Paste

are made from the finest products. Every ingredient is tested by our Pharmaceutical Chemists before new deliveries are accepted. Every little point is studied and perfected in the laboratories before the preparations leave the depot. Both EUCRYL TOOTH POWDER and TOOTH PASTE are the acme of quality, and we value your co-operation, Mr. Chemist, and your personal recommendation, for the public are guided by your judgment. Remember also that it pays you to sell EUCRYL, for it gives you a very handsome profit, not forgetting regular repeat orders, and the line is well backed up by judicious advertising in the Press.

EUCRYL Ltd., 138 Borough High St., London, S.E. 1

£500 to £2000 a year for you

WANTED: Men with Practical Knowledge of Advertising.

Write to-day for Booklet, "The Business of Advertising."



**SEND for the FREE
BOOK TO-DAY**
It will prove a
magnet to your
SUCCESS IN LIFE

HUNDREDS of leading business firms to-day are anxious to day salaries for men with a sound practical knowledge of public. Have you such a knowledge? Can you command a salary of £1000 a year?

Do you ever stop to think how you stand in your present position? The wave of business progress in this country is gathering pace. Are you coming in on the crest, with the men who have made it, or are you to be left behind with the failures?

Send to-day for the free book which will make you a success.

If you are in a job that does not promise to lead anywhere, or if you have not yet made a real start, and are still worrying over your career—here is an opening with brilliant prospects, and, at present, open for all comers.

Perhaps you have a business of your own, and making no headway you do not progress with the times. The advertising you do is ineffective—a mere waste of money. A good practical knowledge of publicity is what you need.

The booklet, "The Business of Advertising" which is offered free to-day, will tell you how a leading London firm made a success of their business and how you may acquire the same knowledge at little expense and in your spare time.

Don't hesitate to send for your copy to-day. It means money to you and better prospects in life. It will cost you nothing—commu you to nothing. Act now by sending your name and address to:—

The "Active Service" School of Practical Advertising

John Morgan Richards & Sons, Ltd.,

Dept. F., 46 Holborn Viaduct, London, E.C.1.

STRODONIA Vanishing Cream.
NOW SUPPLIED IN
ALUMINIUM
SCREW-CAPPED JARS.

10½d. size—7/6 doz. 1/3 size—10/6 doz.
FROM LONDON WHOLESALERS.

Direct orders value £5, subject to 1 doz. 1/3 size Bonus for window display and 5% discount cash, one month; £2/10 0 subject to ½-dozen. 1/3 size Bonus for window display, net; £1/10 0 subject to ½-dozen. 1/3 size Bonus for window display, net. carriage paid on £1/10 0 upwards.

STRODE COSH & PENFOLD, Broadmead, BRISTOL.

The Evan-Williams
Always in Great Demand.
Price List on Application.
The Evan-Williams Co., Ltd., 18, Ogle Street, W.1.

All Chemists and Stores adjacent to Theatres and Music Halls also stock the famous
LEROZA Theatrical Cold Cream and
Grease Paint Reorer. Used and recommended by all the leading artistes, including **Ernie Mayne, Miss Victoria Monks, Shaun Glenville, and** **all** **of** **other** **numerous** **to** **mention.** Sells at 1/9 per tin box (about 11 oz.) per dozen carriage paid. **Cash with order.** From the Sole Inventor and Manufacturer, **ARCHIBALD M. FLOWERS, LTD., 71, 73 & 75 Cambridge Street, Glasgow.**

For LARGE BUYERS

For SHIPPERS

Good Toilet Goods

SHAVING STICKS,
BRILLIANTINES,

DRY SHAMPOO (Liquid and Powder), BAY RUMS, TOILET PARAFFINS, LIME CREAMS, POMADE HONGROISE, TOOTH POWDERS, DENTAL CREAMS, VANISHING CREAMS, SHAMPOO POWDERS, and all TOILET GOODS.

SAMPLES AVAILABLE

C. A. STOKES & CO., Ltd., 11 Eclipsol Works, IISTOL

DGLEY'S MEDICATED SOAPS

Boracic, Camphor, Carbolic, Eucalyptol, Ichthyoil, Iodoform, Lanoline, Menthol, Mercury, Naphthol, Resorcin, Salicylic, Sulphur, Tar, and Combinations

TOILET SOAPS

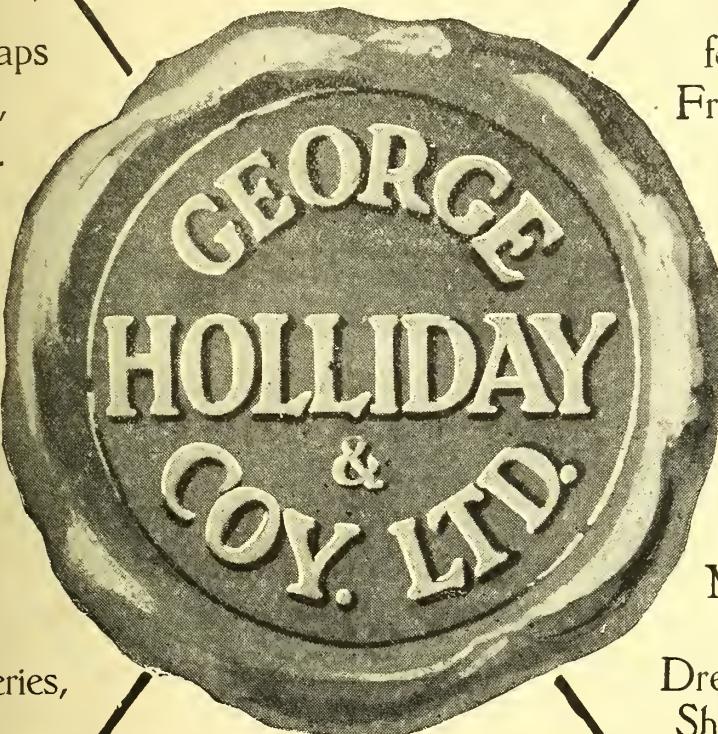
Superfatted

Unwrapped Ovals
46/-gross

Bath Rounds
92/-gross

SOAPS de LUXE

Including White Rose, Rose Leaf, Eau de Cologne, Lavender, Imperial Violette, Santal, &c.



TOILET SUNDRIES

Special Depot
for the Leading
French Perfumes
and TOILET
SPECIALTIES

MAKERS OF and DEALERS IN

Manicure
Preparations,
Dressing Combs,
Shaving Brushes,
Tooth Brushes,
Nail Brushes,
Perfume Sprays,
Powder Puffs,
Puff Boxes,
Soap Cases,
Sponges.

MANUFACTURING PERFUMERS, DRUGGISTS' SUNDRIESMEN

PHARMACEUTICAL PREPARATIONS

SURGICAL DRESSINGS, SYRINGES, Etc.
PATENTEES OF THROAT SPRAYS.

ADDRESS ORDERS AND INQUIRIES TO
NEW WORKS & SHOWROOMS:

39-325 City Rd., Manchester



THE BEST SOAP PROPOSITION

Some Suggestions to the Trade.

The SAPON SOAP Display Box



Overstocking your shop is bad. To be "out of stock" is bad. You lose prestige and drop, because dissatisfied customers quick to go elsewhere.

Therefore we urge all chemists are building up a sale for

SAPON SOAPS
to send small orders often

Although our Works are under pressure, demand is so great we are unable to guarantee prompt delivery on receipt of order. Our van will greatly assist us, the fore-mentioned requirements when possible.

No payment till after goods are received.

Remember, we are in no way connected, directly or indirectly, with the combine of Soapmakers.

"Sapon" Soaps show you a profit than other makes.

Send for price list and artistic window display bonuses.

SAPON SOAPS, LTD., London Bridge, E.C.4.



THREE GOOD SELLERS THAT PAY WELL

FROZOCLOONE

(The original solid Eau de Cologne).
(Regd.)



THE WORLD'S GREAT
PERFUME AND
REFRESHER IN
SOLID FORM

Retails (P.A.T.A.)
Minimum - 3/6
giving at least 10d. Profit
on each sale.
32 - - - per doz.

For EXPORT quantities of
not less than four gross a
substantial drawback al-
lowance will be made.

FROZOCLOONE is a convenient form of the finest Eau de Cologne, refreshing when rubbed on the forehead, equally pleasant as a smelling bottle, invaluable in a heated atmosphere and when motoring.

CARNATE

A NAIL POLISH PASTE with new and striking features. Antiseptic—Softens the cuticle—Brilliant and lasting polish.

Retails (P.A.T.A.) minimum 1/9; 15/- per doz.

ANALAX

(Reg. Pat. No. 310716)



The Ideal Fruity Laxative in Pastille Form. DELICIOUS, RELIABLE, EFFECTIVE.

Retail (P.A.T.A.) Minimum 2/6
21/- per doz, stamped.

R. DEMUTH'S LABORATORIES,

Telegraphic Address: "Boulbene London."

68 Salusbury Road, N.W.
Montrose Avenue, LONDON N.W.

Telephone: 5251

New Budget.

We much regret that owing to the increase in the Spirit Duty, we are compelled to advance the prices of Perfumes as from May 1, 1920.

New Price List
may be had on application to
"ERASMIC"

Perfumers, *WARRINGTON.*



BE SURE AND ADD
a-Rola
Rose Bloom

TO YOUR STOCK AT ONCE,

as it is being largely advertised in the Daily Mail," "Mirror," "Sketch," etc.

Do not lose the business
through being out of stock.

the most natural tint on the market,
is selling well wherever introduced.

La-Rola & Glycerine & Cucumber
supplied as usual.

These articles are protected at FACE VALUE.
Write for Display Terms and save 10%.

BEETHAM & SON, Cheltenham.

Veldt Cream
LABEL-TITLE. COPYRIGHT
pre-war quality

is the best application
for sunburn, freckles,
heat bumps and insect
bites, as well as being
the de luxe hand-and-
arm whitener breathing
violets.

Manufactured only at
The
"Veldt" Laboratory,
LOUTH, ENGLAND.



Agents: PARIS.—A. W. Scott, 38 Rue du Mont Thabor. CANADA.—W. W. Barry, 1 Port Street, Montreal.

WAV CURL

THIS article has now been sufficiently long before the public to enable them to sample its merits. This the public have done on a large scale, and many delighted users have come again and again to the retailers they buy from for further supplies. The demand has been extraordinary. At first the proprietors tried to cope with it per post, but they soon saw that this was too cumbersome and tedious a method, and they are now gladly availing themselves of the services of the trade. Wavcurl is a first-class seller and a first-class payer, too. The profits are all they should be on a toilet line, as any reader can see for himself in the P.A.T.A. Protected List. Forty per cent (40%) should surely awaken your interest, especially in a line that sells a sight. All classes of ladies, from the titled dame to the busy factory worker, are using it as their readiest means of keeping themselves attractive, notwithstanding the great demand there is just now upon their time. To the user it is a great time-saver; to the seller, a great money-maker. We invite your application for Showcards and Dummies for window-dressing. A Wavcurl window-show in a industrial or factory area will simply make the shilling shower into your till. Address post card to

THE WAV CURL CO.

FULWOOD HOUSE, HIGH HOLBORN, W.C.

	Per doz.
1/6 Wavcurl (in packets) ...	9/-
2/9 Wavcurl (in bottles) ...	21/-
1/6 Complexion Cream ...	10/-
2d. Shampoo Powder ...	15/- gross.
	1/6 Duvetine (Superfluous Hair Remover) ...
	1/6 Wavcurl Hair Tonic (9 in Powdered Form) ...
	1/6 Eyelashine ...
	Showcards for Window ...
	Dummies for Show ...

Orange Sticks & Emery Boards

NEATLY BUNDLED and CARDED.

OUR PRICES ABSOLUTELY DEFY COMPETITION.

Let us substantiate this sweeping statement by sending you a Sample Card.

WILLIAMSON BROS.

54 LOWER THAMES STREET, E.C. 3.

Telephone: AVENUE 5827.

Northern Showrooms—

49 Deansgate (Office No. 7), Manchester.

PROTECTS from all weathers, preserves the COMPLEXION
SOFTENS ROUGH HANDS
MOKOL FACE CREAM FOR THE SKIN
Reg. INDISPENSABLE IN THE HOME Reg.
For LIBERAL Wholesale Terms write to—
THE MOKOL CO., 98 Hatton Garden, London, C.

The Dye with a Reputation for reliability.

ROYAL COURT HAIR DYE

SEVEN SHADES.

1/6 size 12/- doz. 2/6 size 18/- doz. P.A.A.

The only dye giving a natural gloss to the hair.

From all wholesalers or direct

J. KNOX-WALKER & Co., Ltd., 422 Kingsland Rd., London, E.

TOILET PREPARATIONS

LOTOZONE TOOTH PASE
LOTOZONE CREAM
LOTOZONE FACE POWDR
LOTOZONE POWDER PAPER

The Shampoo Salesman, free on application, gives full details of prices and profit.

Lotozone

SHAMPOO DE LUXE

A superior tonic and hygienic Shampoo at a popular price. Packed in dainty slide cartons. Elegant in appearance and delightful in use. Perfumed with Irish Elegance. Counter boxes supplied.

Full particulars on request.

THE EVAN WILLIAMS COMPANY, LIMITED, 18 Ogle Street, LONDON, W.

ARGUMENT No. 2

Pears
GOLDEN
SERIES

The Regalia of the Toilet

THE products of the House of Pears appeal to the most discriminating section of the public. Men and women who realise the truth that value depends not on the price paid but on the service received are only satisfied with the best, and they are willing to pay a fair price for it.

This is the type of customer that Pears' Productions bring to your establishment.

This is the type of customer YOU want

A. & F. Pears, Ltd..

71-75, New Oxford St.,

London, W.C. 1.



LOVELY ADDITION
SCIENTIFIC TREATMENT **EYELASHES** 1/-, 1/9 & 3/6
harmless eyelash food. Beneficial to the eyes. ADVERTISED
5% on small orders, 33½% on Gross Lots,
WINKLASH CREAM
For a small show in your window:
WINDOW-OFFER { 3 Doz. @ 1/- ... £1 16 0
9 Free 9 0
Returns £2 5 0
Outlay £1 7 0
NET PROFIT 66½% 18 0
ALDWIN MFG. CO., Ltd., 37 Berners St., London, W. 1.

APROD" TOILET ROLLS
ALWAYS SELL WELL
PAPROD" UNBEATABLE No. 2 ROLLS
extra size and weight, being 17 to 18 ounces.
BEST for Household or Institution
Sample Roll 1/2, post free, from Makers.
PAPER PRODUCTS LIMITED
62 High Street, Worcester.
Don't miss this Splendid Line—Try it.
Immediate delivery from Stock.

Value in CORKS.



T'S the value—the value—the Chemist will tell you, that makes him select Pyramid Corks.

Strength, life, vigour, shapeliness, all these and many other virtues are to be found amongst the qualities which command the appreciation of Cork buyers the world over.

It's the value—the value—the Chemist will tell you, that makes him select Pyramid Corks.

All Corks sold under a money-back-if-dissatisfied guarantee.

N. W. Mitchell & Sons, Ltd.

"The Cork Firm,"

Limehouse ... London, E. 14.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

		Price per doz.	Selling Price to Retailer.	P.A.T.A.
PILENTA SOAP	-	10/-	1/-	
A complexion soap.				
PROLACTUM	-	10/-	1/-	
For the lips.				
PARSIDIUM JELLY	-	10/-	1/-	
For wrinkles.				
ALLACITE of ORANGE	22/6	2/6		
A dressing cream.				
BORANIUM	-	22/6	2/6	
A hair tonic.				
CLEMINITE	-	22/6	2/6	
For a face lotion.				
COLLIANDUM	-	22/6	2/6	
For a face tint.				
PERGOL	-	22/6	2/6	
A deodorant.				
STALLAX	-	22/6	2/6	
For a shampoo.				
JETTALINE	-	31/6	3/6	
For clearing the skin.				
PHEMINOL	-	36/-	4/-	
A depilatory.				
MENNALINE	-	36/-	4/-	
For the eyelashes.				
MERCOLIZED WAX	31/6	3/6		
A face cream.				
STYMBOL	-	36/-	4/-	
For oily complexions and blackheads.				
BARSYDE	-	22/6	2/6	
Dandruff eradicator.				
TAMMALITE	-	22/6	2/6	
For grey or faded hair.				
LIQUID PERGOL	-	31/6	3/6	
To check excessive perspiration locally.				
BICROLIUM	-	22/6	2/6	
For whitening the hands.				
HARAPOSA	-	22/6	2/6	
Nut oil shampoo.				

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:

ALL WHOLESALERS and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney,

SOUTH AFRICA:

LENNON & CO., Ltd. (Cape Town)
SIVE BROS. & KARNOVSKY Ltd. (Johannesburg)

INDIA:

KEMP & CO., Ltd. (Bombay).

R. MACLURE (Madras).

SMITH, STANISTREET & CO. (Calcutta).

MEHTA BROS. (Calcutta).

JAMNADAS BROS. (Bombay).

NEW ZEALAND:

SHARLAND & CO., Ltd. (Auckland & Wellington).

SOUTH AMERICA:

DEARBORN, Ltd., Calla Saita 264, Buenos Aires.

The Chemists' Manfg. Co., Ltd.

AND

SHIRLEY BROTHERS

QUITE NEW

Madam Var's "Fairski"

POUDRE DE ILZ

In very elaborately decorated square tin box with rounded corners. Each box containing a JIFFY to retail at 2/6.

21/- dozen.



Special Bonus of 2 boxes to the dozen with opening orders, so that for 21/- outlay you realise 35/-, which is over 65% Profit on Cost.

HAVE YOU SEEN OUR NEW

BRONZED TINS

Assorted Gold, Silver, Violet, Blue, Green, Heliotrope, etc.

The most attractive Containers ever offered to the Trade. Very high-class and ahead of anything yet offered.

Tooth Powder Tins, $2\frac{1}{6} \times 1$ 6/-
 $2\frac{7}{16} \times 1$ 2/-

Talcum Powder, Oval.... 16/-

Equally suitable for Medicated Dusting Powder, Baby Powder, etc. etc.

Face Powder Boxes 11/-
 Square, round cornered, $3\frac{1}{8} \times 3\frac{1}{8} \times 1\frac{1}{8}$

Shaving Soap Cases 9/-

SAMPLES ON REQUEST

Chemists wanting really high-class Containers should not fail to see these goods.

**123/5 Newington Causeway,
LONDON, S.E. 1.**

IT PAYS TO PUSH

THE
LARGEST
SALE OF
ANY
TOILET
SOAP
IN THE
WORLD.



'ITS
QUALITY
MAKES IT
A
LUXURY
SOAP."
"ITS
MODERATE
PRICE
AN
ECONOMY."

REVISED PRICE LIST

SPRING ADVERTISING CAMPAIGN.—*February, 1920.*

	Cost per doz.	Retail Price		Cost per doz.	Retail Price
1. Palmolive Soap	... ...	6/-	9d.	12. Palmole Face Powder	Not yet on sale.
2. Palmolive Lavender Bath	... 4/4		6½d.	(White, Rose and Brunette)	
(White Floating Soap)				Our Brunette Powder is similar tint to Rachel.	
3. Palmolive Lavender Bath	... 2/-		3d.	13. Palmolive Face Powder	... 20/- 2/6
(White Floating Soap)				(White, Rose and Brunette)	
4. Palmolive Cold Cream (Jars)	20/-		2/6	Our Brunett Powder is similar tint to Rachel.	
Same as original Palmolive Cream.				14. Cleopatra Divine Face	
5. Palmolive	... (Tubes)	10/-	1/3	Powder	... ... Not yet on sale.
6. Palmolive Vanishing Cream	20/-		2/6	(White, Rose and Brunette)	
(Jars)				Our Brunette Powder is similar tint to Rachel.	
7. Palmolive Vanishing Cream	10/-		1/3	15. Palmolive Rouge (Vanity Box	
(Tubes)				with Mirror)	... ... 16/- 2/-
8. Palmolive Shaving Stick	... 16/-		2/-	(Light and Dark Brunette)	
9. Palmolive Shaving Cream	... 16/-		2/-	16. Palmolive Compact Combination	
10. Palmolive Shampoo	... 24/-		3/-	(Face Powder, Rouge, Two Mirrors)	Not yet on sale.
11. Palmolive Talcum Powder	... 14/-		1/9	17. Palmolive Lip Rouge...	... 12/- 1/6
(White and Rose)				18. Palmolive Toilet Water	Not yet on sale.

On the P.A.T.A. List. Showing 33½% Profit.

Palmolive Cream Tubes No. 5; Vanishing Cream Tubes No. 7; Shaving Cream Tubes No. 9; are packed 1 doz. in smart carton, printed three colours, and serves for display. Remember 75% of goods are sold through the eye.

SPECIAL TERMS.

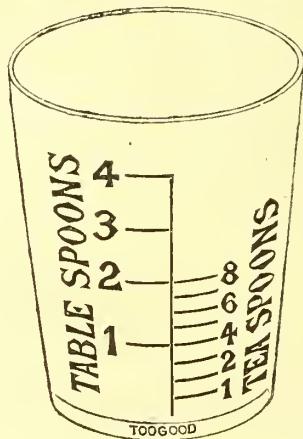
5% allowed on 5 gross Palmolive Soap, 72/- per gross, and on 4 gross Lavender Bath Soap, 52/- per gross. Carriage paid on one gross and upwards.

Write for Showcards, Price Lists and Display Matter.

THE PALMOLIVE COMPANY,
13/14 GREAT SUTTON STREET, GOSWELL ROAD, LONDON, E.C.1.

WORKS: TORONTO, CANADA.

TOOGOOD'S GRADUATED MEDICINE TUMBLERS



Best Crystal
Engraved Graduations
4 Tablespoons
11/6 doz.

Second Quality
Engraved Graduations
9/6 doz.

In Leather Cases
Best 23/- doz. Seconds 17/-

In Card Cases
Best 13/6 doz. Seconds 11/6

Tumbler and Minimum
Measure in Leather Cases
Best 29/6 doz. Second 23/-

WILLIAM TOOGOOD, Ltd.

77 Southwark Street,
London :: :: S.E. 1.

This Week's BARGAINS

Real Horn Dressing Comb

2/6, 3/-, 5/6, 6/6, 8/-, 9/-, 10/6 doz.

Wrist Straps "Pull-up" 9/- doz.
" " " Felt-lined 9/-

Finger-Stalls (Kid) = 4/6
Washleather 3/6 & 4/-

Puff Boxes Jap, Nests of 2, 16
doz. nests.

Soap Cases Xylonite, lettered, 16
doz.

A quantity of N.H.I. Gauze in 6-yard pads
(slightly soiled wrappers), Cyanide, Picric,
Alembroth, Boric, Iodoform & Sublimate,
Alembroth and Carbolized Lint at 25% off Tat
prices for this month.

THOMAS SWALES, Druggists'
Sundry
24 Butts Court, & 89 Albion St., LEEDS



NAIL
FILES,
SCISSORS,
CLIPPERS,
INSTRUMENTS
—TWEEZERS & FORCEPS.—
Special quotations to large buyers.
HENRY W. SCURR, HENRY RD., SLUGG

Orisal

The successful Remedy for PYORRHEA.
Prescribed by the Dental Profession.

PRICES.

Wholesale (including Government Duty) Retail
Dental Paste 22/- per doz. 6d. 2/6 per tube
Mouth Wash 44/- " 1/- 5/- per tube
Special Brush 24/- " 2/6 ea.
Attractive discounts to retailers willing to push these
Specialities.

Of Wholesalers, or direct from
ORISAL Ltd., 77 George St., Portman St., W.1.

Delphinus

TOILET PREPARATIONS

Face Cream. Dental Cream.
Brilliantine (Solid & Liquid).
Pomade Hongroise, Nail Polish.
Shampoos, etc.

Products of
Unvarying
Excellence

Prepared by
The Delphinus Mfg. Co.
45 Edward Street, Brighton.
Cables & Wires: Hongroise, Brighton.

Over 100% Profit

We do not pay money in costly advertisements
—We prefer to give our clients the benefit of
increased profits. Many of our articles produce

OVER 100% PROFIT

SEE SPECIAL OFFER
this week's "Hairdressers' Journal."
Particulars on application.

BE WISE! *Write us*
TO-DAY.



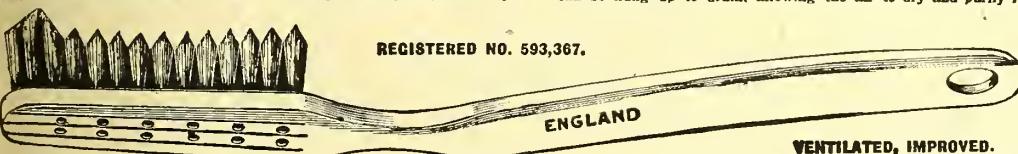
COPYRIGHT.

ROBERT ADDIS & SON, — Tooth Brush Manufacturers, — London Brush Works, London Fields, N.E.

The "ASEPTIC" or "PROPHYLACTIC."

When not in use, a Tooth Brush should not be allowed to remain wet, or it becomes offensive. The advantage of this Brush is—it can be hung up to drain, allowing the air to dry and purify it.

REGISTERED NO. 593,367.



To be obtained from Wholesale Houses. Packed in cartons, facilitates sales
and ensures brush reaching user in clean and antiseptic condition.

MERCERISED CORDS

FOR TYING UP PERFUMERY, &c.
CORDS FOR SPONGE BAGS
CORDS FOR SOOTHERS
MEDICAL TWINES
ALL SIZES AND COLOURS IN STOCK

The Albion S.C. Co., Ltd. FAWLEY MILLS,
TOTTENHAM, London, N.17

PHONE 2121 TOTTENHAM.

TELEGRAMS "ENGAGED, PHONE, LONDON."

COMBS

Combs are always in demand and the Chemist who displays them gets the Business. Below is a selection of good selling lines—try a few of them.

Ladies' Dressing Combs

No.		Size	Per Doz.
171	White celluloid	7 × 1½ in.	6/6
103	Black ,,,	7 × 1½ in.	6/6
102	" ,,,	8 × 1¾ in.	7/6
101	White ,,,	8 × 1¾ in.	8/-
112	Dove colour, non-inflammable	8 × 1½ in.	8/-
123	Assorted ,,,	7 × 1¾ in.	8/-
121	Black celluloid burr grailled	7½ × 1¼ in.	13/6
116	Shell ,,,	7½ × 1¼ in.	13/6
173	Black ,,,	8 × 1½ in.	14/6
150	White ,,,	8 × 1½ in.	24/-
106	" ,,,	8 × 1¾ in.	27/-

5% discount allowed for prompt cash off above prices.

We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Belts, Catheters, Clinical Thermometers, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Pessaries (Quinine), Rubber Sponges, Splints, Sponge Bags, Tooth Brushes, Trusses, Water and Air Beds, Water and Air Cushions, Waterproof Sheetings, and every description of Rubber Goods.

ILLUSTRATED PRICE LIST POST FREE.

OUR GOODS ARE RIGHT.

MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, Ltd.
91 & 92 GREAT SAFFRON HILL, LONDON, E.C. 1.

Ladies' Rake Combs

No.		Size	Per Doz.
167	White celluloid burr grailled	6½ × 1¼ in.	12/6
117	" ,,,	7½ × 1½ in.	21/-
115	" ,,,	7½ × 1¾ in.	22/-
174	" ,,,	8 × 1¾ in.	27/-
189	Black ,,,	8 × 1¾ in.	27/-

Gents' Dressing Combs

148	Mottled colour, non-inflammable	5½ × 1 in.	8/-
140	White celluloid	7 × 1 in.	9/-
143	Black Vulcanite	7 × 1 in.	10/6

Gents' Pocket Combs

163	Special line, assorted, in cases	...	4/6
175	Shell celluloid, in cases	5 × 7 in.	9/-
160	Black, non-inflammable	5½ × 2 in.	12/-

BIDWELLS LTD.

RELIABLE TOOTH BRUSHES.

Gloria Silverdrawn (Assorted Patterns.)	20/- doz.
ditto Hard, White or Yellow	22/- ,,,
ditto Ex. hard ,,,	24/- ,,,
Mitre - - -	16/- ,,,
Elephant - - -	14/- ,,,
Anchor - - -	12/- ,,,

GROSS LOTS NAMED FREE. CARRIAGE PAID.

We do not Sell Foreign Tooth Brushes,
but our own make only.

A selected £12 parcel of Hair Brushes
from 50/- to 150/- per doz., carr. paid.

Made at our Factories, AXMINSTER, DEVON.

PERFUMERS'
DRUGGISTS'
AND
CHEMISTS'

SUNDRIES

Write, Phone, or Call.

Wholesalers Only Supplied.

A. E. DEPRETER
24 HOLBORN, LONDON, E.C.

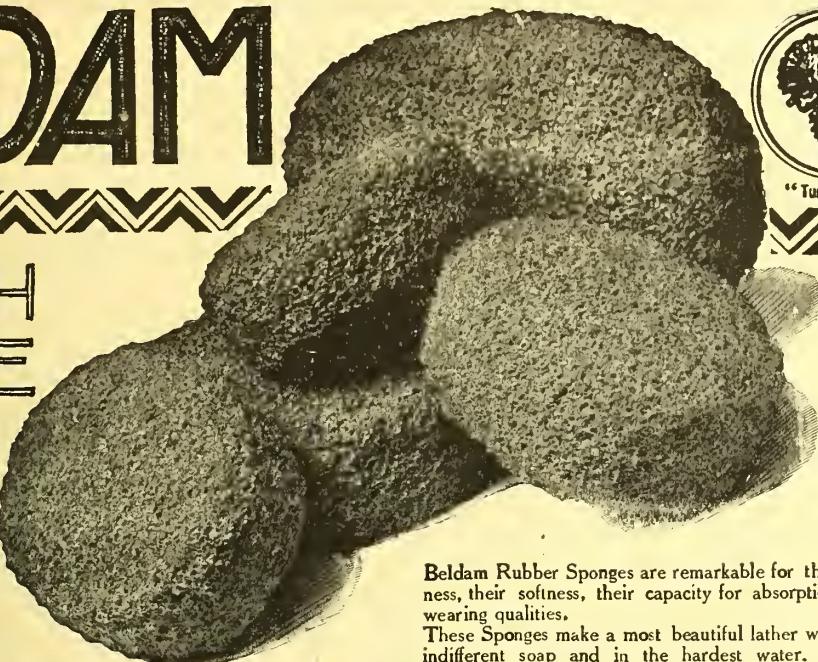
Telephone: HOLBORN 3182.
Telegrams: "AEDEPRELON, SMITH, LONDON."

ELDAM

BRITISH
Sponge

OF
EST
BER

THE SOFT TEXTURE
LIGHTFUL
SE



Gothold's



Beldam Rubber Sponges are remarkable for their smoothness, their softness, their capacity for absorption and their wearing qualities.

These Sponges make a most beautiful lather with the most indifferent soap and in the hardest water. They are healthy and invigorating to the skin.

Medical men recommend them. They are pure and odourless. They are not affected by boiling water or strong disinfectant.

Five Sizes. Price per dozen to Retailers from 13/6.
We invite inquiries.

The Rubber Sponge Dept., Beldam Tyre Co. Ltd.,
Brentford, Middlesex.

OILS

IN CASES OR BARRELS

nut Soya Bean
maximum 2% Acidity

seed Rapeseed
permint Cocoanut

POTATO STARCH
(Farina)

VEGETABLE WAX

INSECT POWDER

CAMPHOR, REFINED

shall gladly quote by cable, c.i.f.
any port in the world.

firm is entirely owned and operated
by British and Americans.

E MUTUAL TRADERS

NARAYAMATE-DORI, 2 CHOME,
KOBE, JAPAN.

Cable Address: "SIMSLAND."

YOUR CUSTOMERS WILL ASK

for the

**RF
RAZOR**



THE action of the rollers is delightfully smooth and soothing to the skin, and effects a perfectly clean and refreshing shave with ease and rapidity. It is easily cleaned after use by rolling over a dry towel.

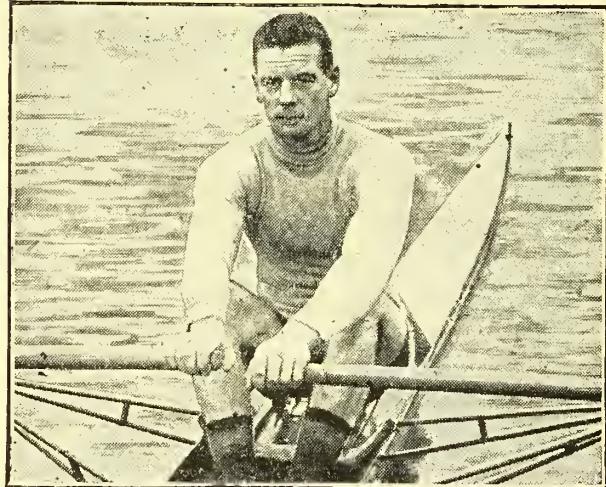
THE

Rollo-Foam
SAFETY RAZOR

All British made, packed in heavily
nickel-plated case, together with 12
blades and two plated blade cases, Complete.

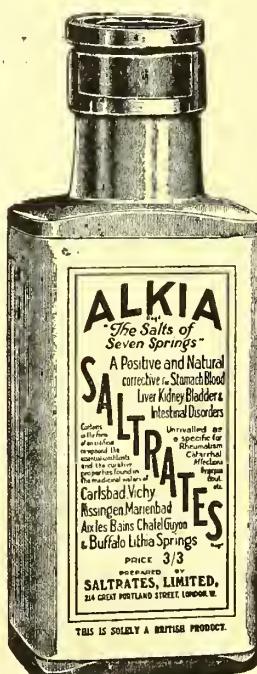
WRITE FOR TRADE TERMS—
LEWIS REGNARD & CO.
90 Lower Thames Street, London, E.C. 3.

ATHLETES HAVE TO USE THE



ALFRED FELTON.

Holder of the World's Sculling Championship.



ALKIA SALTRATES

A widely advertised article which is the most effective bath salt on the market, and for the money. Being highly concentrated, only very small quantities are necessary, and the smell is of unpleasant, salty taste. On P.A.T.A. at the value of 3/3 a large

"Reudel Bath Saltrates is absolutely unequalled for making the skin active and healthy, and eliminating all impurities from the body. When in training for the World's Sculling Champion, Reudel Bath Saltrates kept me free from all muscular pains to which any athlete in hard training is subject. I have pleasure to praise and recommend your admirable Reudel Bath Saltrates to the public."

Alf Felton

JIMMY WILDE, World's Champion Boxer :— "I must thank you for the part your Saltrates fulfill during my training periods. I am never without both and never will be."

BOMBARDIER BILLY WELLS, the popular boxer and physical instructor in the army, I found both Alkia and Reudel almost indispensable for correcting and preventing the illnesses of which Tommies are subject. Personally, I take Alkia and Reudel is always added to my bath."

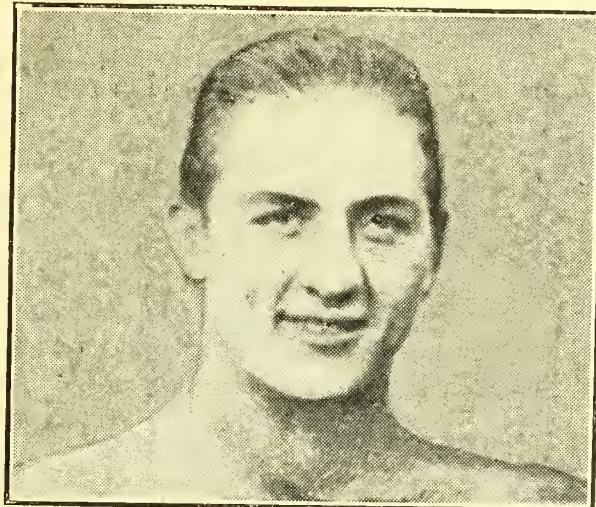
JIM SULLIVAN, ex Middle-Weight Champion and Physical Trainer :— "Alkia soon 'knocks out' liver, kidney, or similar disorder. Reudel baths stop any aches or pains, foot troubles, etc., in no time. Your ad. writer is too conservative."

YOUNG HEALEY, Featherweight :— "I strongly advise boxers to use both Alkia Saltrates and Reudel Bath Saltrates, as I do myself, regularly."

EVERYONE OULD USE THEM

REUDEL BATH SALTRATES.

fragrant, refreshing, and all-round satisfactory for the bath or for purposes. Especially good in cases of foot humatic pains, stiffness, being extensively advertised on P.A.T.A. at a value of 2/- and 3/3



GEORGES CARPENTIER,
Heavy-Weight Champion of Europe.

system-cleansing and tonic drink for anyone who suffers from ill health. Reudel banishes rheumatic or muscular pains within ten minutes.

G. Carpentier.

W. G. George, World's Champion Runner:—"I have used Reudel with remarkable good results. They are products, as everyone to whom I have recommended agrees."

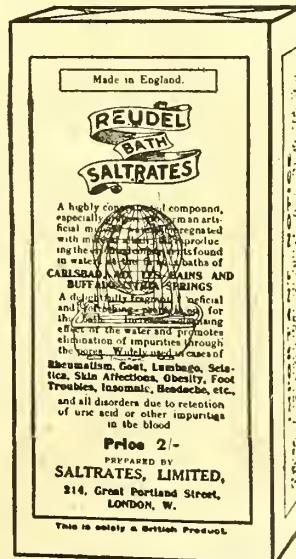
J. Donaldson, World's Champion Sprinter:—"Alkia bath will keep the joints more supple than a dozen vapour baths. I could not do this both."

J. Donaldson.

Hundreds of similar letters which space prevents our reprinting here.

We have numerous other highly commendatory letters from the champions and leaders of every branch of sport. They will be published in time in other series of advertisements.

REUDEL BATH SALTRATES.



P.A.T.A. NOTICE.

113 Temple Chambers, E.C. 4.

May 22, 1920.

The prices of the undermentioned Infants' and Invalid Foods are provisionally revised as follows, until the July meeting of the P.A.T.A. Council.

Advertised Price.		Minimum Retail Price.	Minimum Wholesale Price.
Size 0 BENGERS FOOD	...	1/6	14/6 doz.
" 1 "	...	2/6	24/- "
" 2 "	...	4/6	43/3 "
" 3 "	...	9/-	86/6 "
3/- COW & GATE FULL CREAM FOOD	3/-	28/9	
	£6 lots, 28/-; £12 lots, 27/4		
8/6 Ditto	ditto	8/6	81/7 "
	£6 lots, 81/-; £12 lots, 79/-		
2/6 Ditto	Half-Cream Food	2/8	25/7 "
	£6 lots, 25/-; £12 lots, 24/5		
7/6 Ditto	ditto	7/6	72/- "
	£6 lots, 69/8; £12 lots, 67/4		
1/6 OVALTINE	...	1/6	14/4 doz.
2/6 "	...	2/6	24/- "
4/6 "	...	4/6	43/- "
3d. RIDGE'S FOOD, packets	...	3d.	2/4 doz.
9d. "	tins	9d.	7/2 "
1/6 "	"	1/6	14/4 "
3/- "	"	3/-	28/9 "
6/- "	"	6/-	57/7 "
1/6 SAVORY & MOORE'S FOOD	1/6	14/6 doz.	
2/11 "	"	2/11	28/- "
7/4 "	"	7/4	70/5 "
14/8 "	"	14/8	140/10 "

The following revised prices are now in force:

DAGGETT & RAMSDELL'S PERFECT COLD CREAM:

6d. Tubes	...	6d.	4/6 doz.
1/4 "	...	1/4	12/- "
3/8 "	...	3/8	29/- "
2/8 Jars	...	2/8	19/- "
3/8 "	...	3/8	29/- "
5/9 "	...	5/9	44/- "
9/- "	...	9/-	80/- "

EVANS SONS LESCHER & WEBB'S PREPARATIONS:

8 oz. Evans' Montserrat Fruit Saline	2/9	24/- doz. net
--------------------------------------	-----	------------------

POTTER & MOORE'S

42 MITCHAM LAVENDER WATER	1/6	13/- doz.
48 "	2/6	21/6 "
44 "	4/6	39/- "
45 "	8/6	74/- "
46 "	14/6	120/6 "
1/2 pint "	14/6	120/6 "
1/2 "	24/-	16/- ea.
1 "	45/-	30/- "
Flasks "	4/3	36/- doz.
" small	1/9	15/- "
Frozen "	8/6	28/- "
1 oz. Wickered Bottles	8/6 ea.	29/- doz.
2 oz.	5/6 ea.	46/- "
4 oz.	9/- ea.	79/- "
8 oz.	17/6 ea.	152/- "
16 oz.	82/6 ea.	276/- "

5 % discount on £5 parcel.

POWELL'S

8/- BALSAM OF ANISEED	...	8/- 27/6 27/- doz. by 6 doz.
5/- ditto	...	5/- 48/- 47/- doz. by 6 doz.

The above are entirely new sizes, the manufacture of the old 1/3 and 2/6 sizes being now discontinued. In no case will allowance be made for old stock.

Support Home Industry

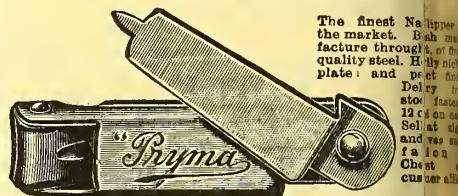
A GOOD SELLING PROPOSITION

50% ON COST - 33 $\frac{1}{3}$ % ON ALES

BY SELLING

'Pryma' Nail Clipper

(BRITISH MANUFACTURE)



The finest Nail Clippers in the market. British Manufacture throughout, of the quality steel. Highly polished plate and perfect finish. Delivery free. Stock 12 cases on credit. Selling at right prices and yes, in fact, Cheapest. Customer always

Trade Price - - 16/- doz.

Write to-day for Sample Card.

To be obtained from all the leading factors or from the Proprietors,

WARMINGTON, TURNER & CO.

11 QUEEN VICTORIA STREET,
LONDON, E.C. 4.

Telegrams: "Oewarmitur, Cannon, London."



The Best. The Strongest. The Cheapest.
IMMEDIATE DELIVERY.
Transparent or Opaque or Coloured.

VISCOSE CO., Ltd., BROMLEY, KENT.

DOAN'S on the P.A.T.A.

Revised Prices Equalised Profits Simplified Terms

for England, Scotland & Wales

Retailers get about 28% profit on £7:16:0 lots,
and 20% on lots of less than 6 dozen.
Wholesalers get their 10% margin, leaving the
retailer about 20% profit.
Former Retail Price of 2/9
increased to 3/- Protected.

TO more closely co-operate with the trade and to improve and equalise
retailers' profits upon Doan's preparations, Foster-McClellan Co. have
arranged to protect their prices in Great Britain through the Proprietary
Articles Trade Association.

From 17 May, 1920, the following terms apply:

	Per doz. in 6 doz. lots	In less than 6 doz. lots	Protected Retail Prices
DOAN'S Backache Kidney Pills	26/-	29/-	3/-
DOAN'S Ointment	-	26/-	29/-
DOAN'S Dinner Pills	-	10/9	12/-
			1/3

Best Prices apply to Orders amounting to £7 16s. 0d. or over.
Carriage Forward. Payments Net. Strictly monthly account.

Guarantee. The sale of Doan's Preparations is covered by a guarantee
to refund at invoice price upon any goods returned.

Foster-McClellan Co., Manufacturing Chemists,
8 Wells St., Oxford St., London, W.1.

Telegrams: "FLUORIC, OX, LONDON."

Telephone: Museum 4864.

More Big Advertising This Month For **SANATOGEN** and **FORMAMINT**

AS a result of the recent gratifying increase, both in production and in sales, we have again decided to issue large-space advertisements in papers with a national circulation.

Our object is not only to prolong the present favourable season as late as possible, but also to pave the way to a very large campaign in the autumn and winter—the largest we have yet attempted—which should result in record-breaking sales.

Genasprin will, of course, be included in this campaign; and we are pleased to announce that the shortage of this preparation is now being rapidly overcome.

With regard to showcards, we must frankly admit that our last announcement was too pessimistic; in fact, we are hopeful of being able to offer fresh supplies early next month.

GENATOSAN, LIMITED

(British Purchasers of The Sanatogen Co.)

12 CHENIES STREET, LONDON, W.C.1.

(Chairman: THE VISCOUNTESS RHONDDA).

AWARDED GOLD MEDAL AT INTERNATIONAL
MEDICAL CONGRESS, LONDON.

Sanagen

THE BRITISH NERVE FOOD

Hands You
on Every
Sale



SLECTIVE salesmanship is one of the chief secrets of money-making. There are articles a-many in every Chemist's shop the exclusive sale of which would result in no *NET PROFIT*.

The Sanagen Co. believes in the Fair-and-Square Policy of a 50% Profit-on-Cost for the man who is entitled thereto by reason of the fact that he is a Professional Man as well as a Business Man.

Also, Sanagen is regularly advertised in the leading London and Provincial Press, thus further helping the Chemist to make Sales and Profits on the following Analysis Scale :

SIZES, PRICES & PROFITS

4 oz.	Costs 2/-	Sells 3/-	PROFIT 1/-
8 oz.	Costs 3/4	Sells 5/-	PROFIT 1/8
16 oz.	Costs 6/4	Sells 9/6	PROFIT 3/2

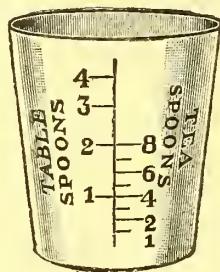
Write for sales-aiding literature, showcards, etc., to

SANAGEN COMPANY, LIMITED

Sheepcote Lane, Battersea, London, S.W. 11

Telephone : Latchmere 4363

AN IMPORTANT FACT!!!



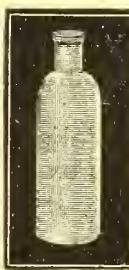
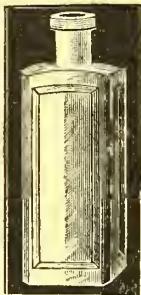
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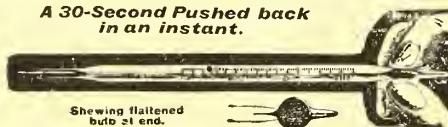
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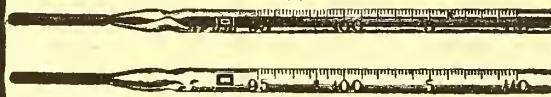
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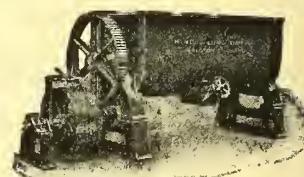


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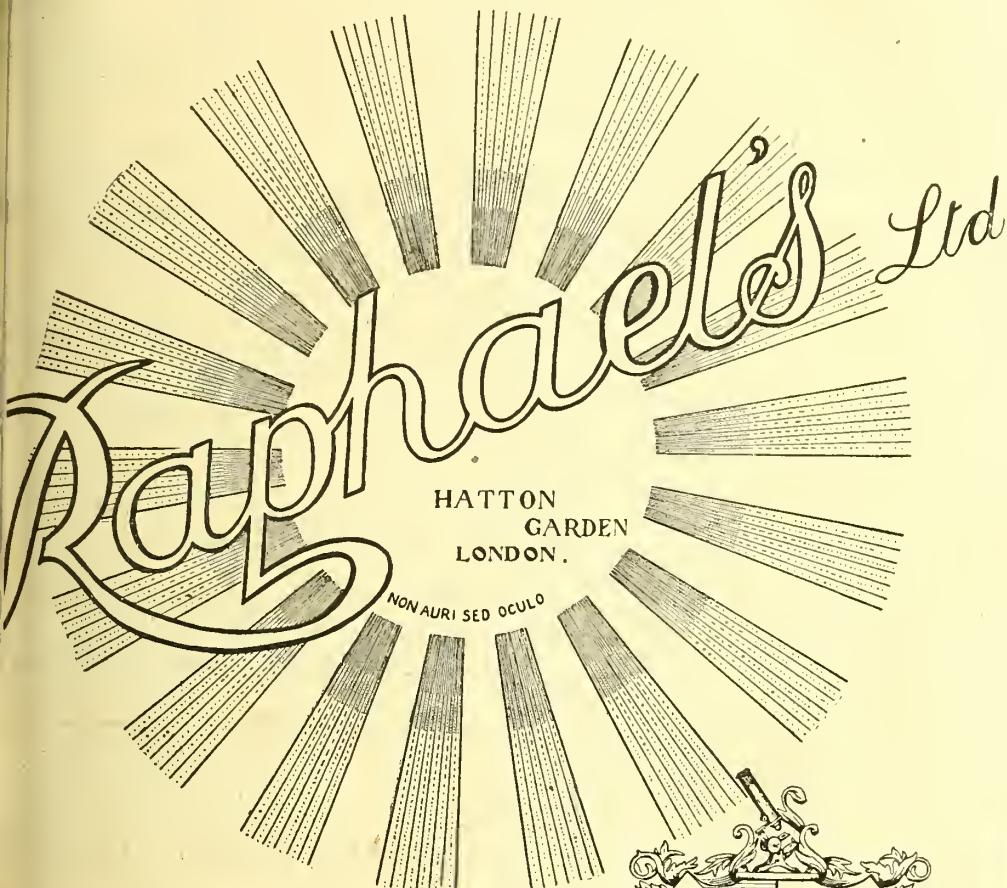
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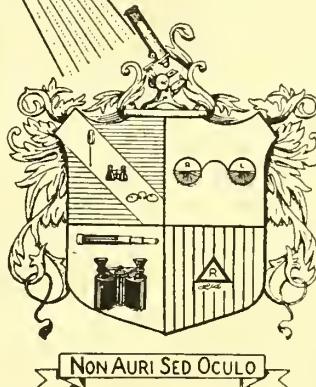
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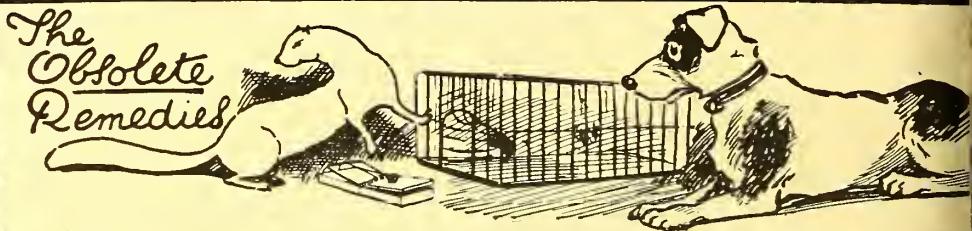
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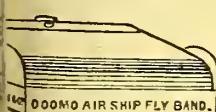
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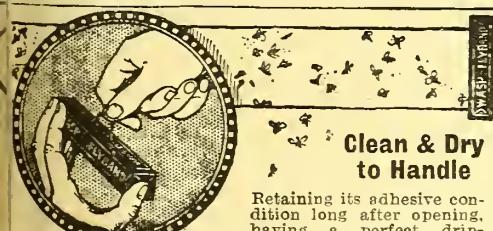
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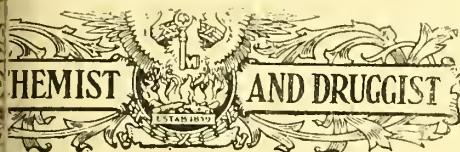
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A Revival.

hortage, printing difficulties, and other circumstances combined to prevent the publication of Special THE CHEMIST AND DRUGGIST during the war. It has, therefore, been to concentrate on making kly issue equal in interest and in business-value re-war Special.

dy increase in editorial and advertising prestige the result, but in response to a generally expressed desire throughout the trade it has been decided to one

ANNUAL SPECIAL ISSUE.

ear the publication date will be

JUNE 26.

houses desirous of making special announcements communicate at once with The Publisher, 42 Cannon Street, London, E.C. 4, from whom all particularly available advertising space can be obtained.

GOVERNMENT lime factory which was started in Guiana in 1915 is now self-supporting, the profits in 1919 amounting to \$2,900.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

London Chemists' Retail Price List.

The following are among the alterations and additions in the current issue of The London Chemists' Retail Price List: *Drugs*.—Acid. oxalic, 6d. oz.; acid. tannic, 3d. dr.; acid. tartaric. cryst. vel pulv., 8d. oz.; aloes cap. pulv., 4d. oz.; ammon. chlorid. pur., 3d. oz.; amyl. pulv. (rice), 3d. oz.; aq. dest., 2d. pt.; aq. lavand., 4d. dr.; camphora ang. (flor.), 2s. 8d. oz.; cocaine. hydrochl., 5d. gr.; conf. sennae, 6d. oz.; creta c. camph., 12½ per cent., 8d. oz.; eau de Cologne, 2s. 10d. oz.; lin. camphoræ, 10d. oz.; lin. camph. ammon. meth., 8d. oz.; mag. cit. efferv., No. 2, 5d. oz.; menthol, 10d. dr.; ol. amygdal. ang., 7d. oz.; ol. lini opt., 3d. oz.; ol. olive sublim., 4d. oz.; potas. tart. acid., 6d. oz.; sal. acetos., 8d. oz.; sodii sulph. (feath.), 1d. oz.; spirit. camph., 1s. 2d. oz.; spirit. menth. pip. exot., 6d. dr.; syr. ferri phosph. co., 5d. oz.; syr. rhei, 7d. oz.; syr. sennæ (Alex.), 7d. oz.; tinct. myrrh. et boracis, 1s. 9d. oz.; ung. acid. boric., 4d. oz. *Packed Goods*.—Castor oil, 2-oz. bot., 10d., 4-oz. bot., 1s. 4d.

The price-list has been enlarged this month by the addition of new sections, including one for veterinary medicines and one for photographic chemicals. In explanation of the delay which has occurred in publishing this month's issue, the editor of the list writes: "Uncertain costing owing to the Budget (as well as some surprising fluctuations combined with reconstruction) was the main cause, and is not likely to occur again. Now the list is sectionalised, it is hoped to develop it along those lines; and any suggestion towards perfection will be cordially welcomed."

Society of Chemical Industry.

The annual meeting is to be held this year at the Armstrong College, Newcastle-upon-Tyne, on July 13, and is to be followed by congresses on July 13 and 14, visits to works on July 15, and a whole-day excursion on July 16. Mr. John Gray, President, will deliver his address at the annual meeting. The social functions include luncheon, on July 13, in the King's Hall, Armstrong College, by invitation of the Newcastle section, and a civic reception in the evening at the Laing Art Gallery. The annual dinner will be held on the evening of July 14, and on July 15 a conversazione has been arranged. It is proposed to arrange an exhibition of chemical products in the Armstrong College Buildings. The hon. local secretaries are Mr. F. C. Garrett and Mr. H. Dunford Smith, 7 Side, Newcastle-on-Tyne, from whom tickets can be obtained. Special arrangements have been made to accommodate visitors at a moderate cost in Easton Hall, connected with the Armstrong College.

Contracts.

The following tenders have been accepted by the bodies named:

Alford (Lincs) Urban Council.—Mr. F. W. Heeley, Ph.C., drugs, etc.

Barnsley Education Committee.—Mr. W. A. Bellamy, chemist and druggist, chemicals, etc.

Chelmsford Joint Hospital Board.—May, Roberts & Co., Ltd., dressings, etc.

Wholesale Druggists' Cricket Championship.

Allenburys v. Burgoyne, Burbidges & Co., the opening match of the wholesale druggists' cricket clubs' season, was played at "The Elms," Walthamstow, on May 15, and resulted in a narrow victory for "Allenburys" after an exciting finish, the scores being: "Allenburys," 43; Burgoyne, Burbidges & Co., 40. As the scores indicate, the outstanding performances were all on the part of the bowlers, of whom Blick for "Allenburys" took six wickets for twenty-one runs, and Burton for "Burgoynes" an equal number.

Brailgarn.

A lightning strike took place lately at Messrs. Avery's, the well-known Birmingham balance-makers.

"How will the rise in the price of sugar affect pharmacy?" is being asked seriously in this city.

Money sent through the post to Birmingham traders has been going astray lately. A test letter sent has just resulted in a postman being sent to prison, with hard labour, for three months.

A scheme to put the telephone service between Birmingham and the Black Country towns on a stable footing, with an increased capacity, is being prepared. At present it often takes two hours to get "through" from Birmingham to Tipton—a distance which one could easily walk in the time!

Liverpool.

Boots, Ltd., are refronting their London Road branch. The weather has proved treacherous again, and window-dressing calls for frequent changes.

Liverpool claims to have led in the extermination of rats. However this may be, Evans's virus has played a prominent part in the campaign.

Subscriptions for the Conference Reception Fund continue to come in freely, and the amount aimed at should soon be reached. Mrs. Symes (of the Ladies' Committee) has undertaken to ask her daughter to design a badge for the members.

For selling methylated spirit "for drinking purposes," Mr. John Bain, chemist and druggist, was fined 50/-, with 15/- costs, on May 19, and his assistant was fined 10/- on each of two informations for "preparing" the spirit and selling it.

Professor R. J. Harvey Gibson, C.B.E., lectured to the students of the Liverpool School of Pharmacy on May 14, the subject being "The Founders of Pharmaceutical Botany." Mr. David H. Evans and Dr. Symes were among the audience.

A girl nine years of age stole soap and scent, value 6s. 6d., from Boots' Stanley Road, Bootle, branch on May 15, her brother and two other lads assisting. The Bench fined the parents and ordered the three boys a birching. Shop thefts by boys and girls are increasing.

Sheffield.

Exell Brothers are making extensive alterations to the windows of their shop in Ellesmere Road.

Mr. C. H. Royston, 19 Stafford Road, Norfolk Park, has been elected secretary, and Mr. L. Humphries treasurer, of the Sheffield Pharmaceutical Students' Association.

Mr. L. S. M. Dawson, chemist and druggist, has been co-opted as a member of the Pharmaceutical Committee, in the place of Mr. Culverhouse, who has resigned through leaving the panel.

Panel chemists will be receiving scripts stamped by the Ministry of Pensions clinic, on the same terms as Insurance dispensing. Monthly accounts should be sent, with the prescription as voucher, to the Ministry of Pensions, Boar Lane, Leeds.

The number of deaths from influenza continues to increase; fifty-one having been reported for the week ending May 15. Pneumonia patients, some of whom are being treated at the Lodge Moor Fever Hospital, numbered 151 during the same period; fifty-three of these cases terminated fatally.

Miscellaneous.

QUININE SULPHATE, cod-liver oil, and preparations of cod-liver oil can now be exported without a Privy Council licence. ("London Gazette," May 14.)

WINDOW-SMASH.—Mr. J. R. Evans, chemist and druggist, Waltham Cross, had the plate-glass window of his pharmacy smashed by the impact of a motor-cycle recently.

WINE-LICENCE GRANTED.—At Ormskirk, recently, the licensing justices confirmed the grant of a wine off-licence to Mr. H. L. Busbridge, chemist and druggist, managing director of Garside's, Ltd., chemists.

FIRE.—While some rubbish was being burnt the premises of Boots, Ltd., 55 Westow H. S. E. 19, a shed at the back of the building caused the contents were somewhat damaged.

A DRUG STRIKE SETTLED.—The dispute at Bleazard, Ltd., wholesale druggists, Preston employees in the packing department and office on May 14 after a strike lasting six weeks. They have been reinstated, their union (the National Union of Assistants) recognised, and the union rate of wages increased by the company.

IN THE COURTS.—At East Grinstead, recent H. Lemon, described as a stable lad, was convicted on a charge of obtaining 10/- by false pretences. Henry S. Martin, Ltd., chemists, High Street E. given by Mr. Thomas J. Charlwood, an assistant to Messrs. Martin, showed that the accused tendered a sum of 10/- in payment for goods purchased in the shop, and that the cheque was subsequently returned to the bank. At Guildhall Police Court, London, on May 19, Fat, Pennyfields, Limehouse, E., was sentenced to three months' hard labour, and recommended for deportation for receiving opium, morphine, and cocaine, obtained from the warehouse of Willows, Francis, Butler & Co., Aldersgate Street, E.C. (C. & D., May 20.)

EMPLOYMENT FOR DEMOBILISED MEN.—Among the schemes for obtaining employment for demobilised men and soldiers that organised by the Rotary Club seems to have the most push behind it. Mr. Gough, managing director of Lewis & Burroughs, the representative of London retail pharmacists in the Rotary Club, and he asks the assistance of the members in obtaining positions for the demobilised. The "Employment Room," Horrex's Hotel, Norfolk Street, Strand, W.C. 2, has been organised to deal with the problem.

BRITISH INDUSTRIES FAIRS COMMITTEE.—The meeting took place in London, on May 14, of the committee appointed in connection with the British Industries Fairs of London, Birmingham, and Glasgow. Hitherto the exhibition in London has been organised by the Board of Trade, while the other two fairs have been arranged by the respective municipal chambers of commerce. It has been found that co-operation is desirable in the planning of these exhibitions, and the joint committee has been established as a permanent institution.

EARLY CLOSING BILL OPPOSED.—Morecambe traders formed a local Small Traders' Association to oppose the "Early Closing Bill," and have sent to the Lord Lieutenant a strong resolution of protest against the "tentative existence" of such traders by the growing curtailment of shop hours. They state that they are prepared to observe all regulations as to assistants' labour, but fail to see that small shopkeepers personally should be subjected to regulations more suited to big multiple undertakings. They also point out that holiday resorts should be able to contract out of the provisions of the Bill on the ground that trading success depends chiefly on the few weeks of the summer season. Representations have also been made to the Morecambe corporation.

COCOA POWDER.—The Food Controller has re-arranged the manufacturers as to the prices which should be charged for cocoa powder. The Cocoa Powder Order was therefore suspended as from May 17. Manufacturers have agreed to sell in cartons what was known under the Order as "Grade A" cocoa powder, subject to the condition that it must not be retailed at a price exceeding 3s. 6d. per lb. They have also undertaken to sell cocoa powder of a quality equal to that known as "Grade B" at such prices as will enable it to be sold at a price not exceeding 2s. 2d. per lb. The prices referred to are, in the case of "Grade A" cocoa powder, slightly above the maximum prescribed by the Order. In the case of loose cocoa powder the price is the same as that in existence. It is anticipated, however, that at present, large quantities, both of packet and loose cocoa powder, will continue to be sold below the prices mentioned in the agreement.

Irish News.

Brevities.

13, a midnight raid by Sinn Feiners at Ennis in the Inland Revenue premises, which were set on fire to cover the establishment of Mr. Robert Stevenson, Town Hall Street. Mr. Stevenson's shop, in the ground floor, was damaged by smoke and

J. Henning, R.D., the Medical Hall, Main Lane, has acquired the business of Mr. W. H. Main Street, Larne. It will be carried on in the name of W. J. Henning & Co., Ltd., dispensing. The dispensing department will be under the management of Mr. J. Pollock, Ph.C. (late of Grattan & Belfast).

Belfast.

recent Poor-Law elections in Belfast, Mr. A. McCurdy, Ph.C., 46 York Road, was returned for the Duncairn Ward.

Wholesale druggists' section of the Belfast Chamber of Commerce has appointed Mr. R. McCorry chairman for the ensuing year. Mr. T. W. McMullan (McMullan & Co., wholesale druggists) has been a member of the Chamber. His brother, Mr. W., is senior Vice-President.

ection with the annual Chemists' Golf Competition, McMullan Challenge Cup on the links of the Club on June 2, Major H. R. Haslett (J. & J. Ltd., North Street) has invited the competitors to Club House. Entries must be lodged with the Secretary, Mr. W. J. Rankin, jun., 11 Waring Street, not later than the first post on May 31. The competition is confined to members of the Ulster Retailers' Association, and those in connection with the allied trades in Belfast and district, subject to approval of the Committee.

Scottish News.

Brevities.

normal cost of shop-fittings and chemists' stocks is hindering many young men from starting business. A run has been experienced in coconut oil. This is confined to any particular district of Scotland, but

permits for the sale of sheep-dip have been granted by Mr. Irvine & Sons and Mr. Edwin Collins by the town council.

Business of the late Mr. J. Robertson, chemist and druggist, St. Boswells, is now being managed by his daughter, Miss M. L. Robertson, who has recently

"Stirlingshire Observer" says that the bonnie Stirlingshire have given over the habit of washing in dew, and now get their beauty requisites from St. Mungo's.

A circular letter has been sent to panel chemists and druggists, stating that the Scottish Board of Health has arranged for a free distribution of vaccine lymph to local chemists, and may be obtained free of charge.

Mr. J. Peebles, chemist and druggist, Kirkcaldy, has, it is understood, been appointed a justice of the peace. He was elected a police "judge," as Scottish justices are called, by the Kirkcaldy town council in

annual competition of the Scottish Chemists' Bowl. The competition for the Ayrton Saunders cup will take place on June 23 at Titwood and Queens Park Greens, Kirkcaldy. Arrangements as to draw will be sent to the each rank by the secretary, Mr. J. A. Cochrane, 10, Queen's Road, Leith. Entries close on May 29.

Edinburgh.

A local doctor is recommending his patients to purchase vaccination pads of an old type, thereby pleasing at least one chemist—who had contemplated throwing the articles out at several stock takings.

Referring to a paragraph in the *C. & D.* of May 8 (p. 47) on deducing the presence of certain diseases from the odour of the atmosphere surrounding the patient, it is related of a former resident physician in the Royal Infirmary that he was able to do so with certainty in cases of pneumonia and influenza.

An address on "Molecular Energy in Gases" was given by Sir Alfred Ewing, F.R.S., at a recent meeting of the Royal Society of Edinburgh, Professor F. O. Bower, President, in the chair. Sir Alfred, in the course of his remarks, said that it was now known that in all except monatomic gases the specific heat became notably increased at high temperatures, when the vibrations within the molecules began to be an important part of the whole energy. The experimental facts as to this increase were no doubt well expressed by means of Planck's quantum formula, but the type of curve which it gave was one that was found in other departments of physics. It was therefore open to question whether, if the nature of the constraints were understood, the development of vibratory energy in the molecules might not be interpreted in terms of other ideas than those of quanta, and without disturbing the old-fashioned principles of Newtonian dynamics.

Glasgow.

Miss Jean Nicol, of the technical staff of the Central Checking Bureau, was presented with a case of knives and forks on the recent occasion of her leaving to be married.

A notice of application for a licence to sell agricultural and horticultural poisons, which is signed by four employés of Kerr & Co., seedsmen, 63 Queen Street, concludes as follows: "We undertake to comply with the provisions of the Arsenic Act, 1851, the Pharmacy Act, 1868, and the Regulations made by Order in Council under the Poisons and Pharmacy Act, 1903."

It is announced that the Drug and Fine Chemical Manufacturers' Association scale of wages and general conditions have been adopted by the Glasgow New Apothecaries' Co., Glassford Street, as the result of representations made by the Amalgamated Society of Pharmacists, Drug and Chemical Workers (Scottish Divisional Council).

Presentation to Dr. J. L. Ewing.

A presentation was made on May 14 to Mr. J. L. Ewing, LL.D., J.P., chemist and druggist, by the Holyrood Road employés of Duncan, Flockhart & Co., in

commemoration of his completion of fifty years' connection with the firm. The gift, which was presented during an "at home" held in Ferguson & Forrester's restaurant, Princes Street, Edinburgh, consisted of a silver-mounted casket and a vellum scroll, suitably inscribed. Mrs. Ewing received a bouquet from the lady members of the staff. In thanking the members of the firm, Dr. Ewing expressed appreciation of the kindness shown him in the testimonial. Mr. W. T. Ewing replied on behalf of his mother. The respective presentations were made by Mr. P. Barrett and Mrs. Durham; and the proceedings of the very enjoyable evening included an excellent programme of music.



DR. J. L. EWING.

French News.

(From the "C. & D." Paris Correspondent.)

DIRECT ACTION.—A pharmacist, prosecuted for selling an unstamped patent medicine, informed his local Association, which in its turn brought the case to the notice of the General Association of French Pharmacists. The Council, after studying the correspondence between the retailer and the manufacturer, suggested to the latter that he should defray the expenses of the law case, hinting that, should he decline to do so, the trade in general would be informed of the inconveniences which might result from the sale of his goods. The manufacturer has since taken measures for all goods to be stamped before leaving the works.

GERMAN REPARATION CHEMICALS.—The German list of stocks was submitted for examination to a committee of experts, composed of the President of the Wholesale Druggists' Association, M. Valeur, and M. Taillandier. The impression is that the list is very incomplete. They note that only manufacturers' stock is listed, goods held by intermediaries and vendors being ignored. Nearly all the articles are those specified in the old (and not in the new) Pharmacopœia. As to the allocation of these stocks, said the President, nothing has yet been officially decided, but he thinks they will be divided between French manufacturers and consumers. An average price would be struck, and the difference would either go to the Government or to a fund devoted to the improvement of existing factories and the establishment of new works. But he fancied they would not actually receive the goods for some time yet.

PHARMACY IN ALSACE-LORRAINE.—Resolutions have been passed by the Council of the General Association of French Pharmacists to the effect that the Commissary-General of the Republic for Alsace-Lorraine should be informed that the organisation of pharmacy in France is about to be considered by Parliament, and that the French pharmacists are anxious for a reform of existing laws; he should be asked also not to recommend the introduction into Alsace-Lorraine of the rules regulating the exercise of the profession in France. As soon as Parliament assembles, it shall be asked to fix the value of the indemnity due to pharmacists by means of a Special Committee, which includes representatives of the pharmacists; that this value be recognised by the State as a debt due to the pharmacists; that an important part of this debt be at once paid to the pharmacists, and the remainder (with interest) as soon as possible. The law with regard to war losses should apply in its widest sense.

HOSPITAL PHARMACISTS' EXAMINATION.—Nine candidates presented themselves for the three posts open as Parisian hospital pharmacists. The compound medicaments presented for identification included laudanum, cinchona syrup, and fluid extract of hydrastis. Candidates were required to comment on this last-named. The written test included—in pharmacy, questions on tinctures; in chemistry, ureides; in natural history, certain phenomena of gastric and pancreatic digestion. These subjects were drawn from the urn. The oral examination subjects, drawn by lot in the same way, were: First series, adrenalin in chemistry and antiseptic solutions in pharmacy; second series, carbon monoxide (chemistry) and otopharmacological preparations (pharmacy). The final test was the identification of thirty plants or objects of materia medica or pharmaceutical chemistry. Out of a possible total of 165 marks Messrs. Bach, Hazard, and Picon respectively scored 123, 119 $\frac{1}{2}$, and 119, and were consequently recommended for acceptance as hospital pharmacists. Lyons had a similar test; there were four candidates for one vacancy. M. Rizard had the highest marks, and was recommended for the post of pharmacist at the Antiquaille Hospital.

PRICES OF PROPRIETARIES.—At the recent discussion between the retail pharmacists and the druggists, with a view to fixing a definite rate of profit on patents, retailers expressed the opinion that if the wholesale drug-

gist is allowed 10 per cent. and free packing and delivery 25 per cent. for retail chemists should be necessary. Retailers stated that what is possible when several are ordered may be quite impracticable on order for a quarter dozen. The attitude of the retailers is that 10 per cent. is a strict minimum, and that, as they have a monopoly of the sale of medicaments, they could easily boycott those who deprived them of what they consider their rights. A manufacturer suggested taking a local middleman who would sell at 25 per cent. He added that if they grudged his profit they could always buy direct from the manufacturer by ordering the quantity necessary to obtain best terms; and hinted that if a customer insinuates that a single bottle of a product not in stock, a charge may be made to him by the retailer for obtaining it. Manufacturers state that since 1914 manufacturing and general expenses have increased 400 per cent. while sales have only augmented by 50 per cent. to 100 per cent. but they are willing to replace the former discount of 7 per cent. to the druggist and 20 per cent. to the pharmacist by 10 per cent. to the former and 25 per cent. to the latter. There are rumours of individual negotiations and possibly matters may finally approach without official agreement.

The Centenary of the "Internat."

The celebration of the centenary of the *Internat*, which took place on May 15, was a brilliant success. M. Goris, the organiser, is to be congratulated upon his excellent organisation. A numerous gathering gathered under the arcades of the Paris School of Pharmacy long before the hour appointed for the meeting. All adjourned to the amphitheatre, where on the platform sat M. Honnorat, Minister of Public Instruction, supported by M. J. L. Breton, Minister of Finance; M. Strauss, Senator and President of the Management Board of Public Assistance; M. Autrand, Prefect of the Seine; M. Mesureur; the Director and Professors of the School; Dr. Roux, M. Patein, and others. Professor Guigard was the principal speaker. He spoke of the origin of the institution, which was founded in 1815; but the earliest record is that of 1817, when the Duke of La Rochefoucauld gave good advice to the successful candidates. Guigard then traced the beginnings of the *Internat*, concluding by exhorting the present *internes* to endeavour to worthy in the steps of their predecessors. Senator Strauss paid an eloquent tribute to pharmacy as a part played by the *Internat* since its inception. M. Honnorat pointed out that the fête had been delayed simply because the *internes* had been serving the country in war. How well they had done this thirty-six years of the Legion of Honour and other decorations attested. He announced that Professor Guigard, *interne*, ex-Director of the School of Pharmacy, had been nominated Commander of the Legion of Honour. His colleague, the Minister of Hygiene, would offer the Cross of Chevalier to M. Patein, the well-known hospital pharmacist. Furthermore, the Government had decided to transform the Superior School of Pharmacy Paris as well as those of Montpellier, Nancy, and Strasbourg into Faculties. The announcement was received with great applause. Later on around the buffet professor Ministers, officials and *internes* emptied carafes of champagne to the success of the new Faculty and the *Internat*.—The evening banquet was held at the Galerie des Champs Elysées, 55 Rue de Ponthieu, where about 250 sat down. The Ministers were represented by their deputies, but the guests included Senator Strauss, M. Oudin (President of the Municipal Council of Paris), M. Autrand (Prefect of the Seine), M. Mesureur (Director of Public Assistance), etc. M. Loisel, of Beauvais, President of the General Association of French Pharmacists; M. Vaudin, M. Crinon, many of their colleagues, most of all the Parisian hospital pharmacists, the President of the new Faculty, and many military pharmacists. A souvenir of the festival which was to have been ready for distribution was delayed on account of the prolonged strike in the printing trade.

Legal Reports.

Water Case.—At East Ham, on May 11, Mr. Sy, chemist and druggist, 26 Barking Road, was fined for selling lime water certified to be only proper strength. A fine of 2*l.*, with costs, was

Liquorice.—In the King's Bench Division, before Mr. Justice Baillhache, Mr. Walter Rice trading as Winter, Hubbard & Andrew, produce of Hampstead, sued the British East Africa Incorporation, of the Royal Exchange, to recover or loss on a policy of marine insurance on of Spanish block liquorice paste.—Mr. D. C. C., said the plaintiff's case was that the goods, brought to London in a vessel called the were damaged by sea water, and the liquorice unsaleable. The defence was that the damage is, not by sea water, but by the liquorice being so wet. The deterioration was more in the outside of the blocks. Expert evidence of chemists was called on both sides. His lordship's judgment, said that what weighed with was that the worst damage was in the inside of and not on the outside, and he could not see how have been if the damage had been caused by the outside. The plaintiffs had failed to their case, and judgment must be for the defendant with costs.

Case.—At Winchester County Court, on Mr. F. B. Wride, chemist and druggist, 4a Jewry imed from Mr. C. H. Elkins possession of rooms op. Plaintiff said that he purchased the busi- Mr. S. G. Bartlett in December 1918, at which defendant was tenant of the five private rooms over ss premises. When plaintiff purchased the busi- w defendant about giving-up possession, because to put a manager in the rooms. Now that his been demobilised, he wished to put his son there. The son was willing to accept part of the ation. In April 1919 there was an agreement renewal of the tenancy on a monthly basis, with e of 10 per cent. on the previous rent. Notice d been given, and was admitted. Plaintiff ad- it he had not offered defendant any alternative ation. Defendant demurred to accepting plain- al proposal to divide the rooms. He was quite willing he premises, but could get no house or rooms, had tried to do so in every way possible. Cross- He had not tried to get furnished rooms. His id that this was a weak case, and he should ment for the defendant, but he warned the def- at he must not cease trying to get other accom-

Pharmacy Acts (Ireland).—A series of prosecutions Pharmacy Acts (Ireland) took place at Lurgan, Petty Sessions, on May 18. In the first case Gracey, 114 Edward Street, was summoned for open shop for compounding medical prescriptions 16, contrary to the provisions of the Pharmacy and, 1875. On the second summons he was with the same offence on March 17; on a third he was charged with keeping open shop for the ison on March 17; on a fourth summons for the ce on March 18; on a fifth summons for selling alic acid, contrary to the provisions of the Sale (Ireland) Act on March 17; and on the sixth for the same offence on March 18. Defendant's ard Gracey, was summoned for selling poison eing qualified for such purpose, and contrary ovisions of the Pharmacy Act (Ireland), 1875. 17. A second summons charged the defendant same offence on March 18. After a lengthened e magistrates fined Daniel Gracey 5*l.*, and 20s. the summons for keeping open shop for com- medical prescriptions on March 17, and a like like costs in the summons for keeping open for

the sale of poisons on March 18. These penalties ruled all the summonses. In the case against Edward Gracey a fine of 5*l.*, and 20s. costs, was imposed on the summons for selling poison without being qualified on March 17. One-third of the penalties go to the Society's inspector, Mr. Butler, and the balance to the Society.

Sale of Saccharin.—Mr. Justice Baillhache, in the King's Bench Division on May 17, had before him an action by Gaston Williams & Wigmore, Ltd., Bishopsgate, London, E.C., against Henry Beaman Hughes, Buckingham Street, E.C., to recover 1,600*l.*, being the price of a quantity of saccharin sold and delivered. Mr. Rigby Swift, K.C., said the defence set up was that the goods were ordered for the defendant by an agent who had no authority to order. Plaintiffs carried on business in the City and defendant carried on business as an oil and general merchant at Buckingham Street, and also at Mincing Lane. At the latter place the business was carried on by a manager named Modern. On March 31 Mr. Modern saw Mr. Norton, plaintiffs' representative, and bought from him 100 lb. of saccharin at 160*s.* per lb., making 800*l.* In April he came again and bought another 100 lb. for 800*l.* The goods were in warehouse, and the firm who warehoused them handed over the goods to the nominee of the defendant. Mr. Arthur E. Norton, formerly employed by plaintiffs, was giving evidence, when Mr. Rigby Swift said he understood the defendant would consent to judgment for the amount claimed, with costs. Mr. Wallington, for the defendant, said his client had a gentleman who had charge of a branch of the business. He apparently entered into the contracts for the purchase of the goods now sued upon. Not only had this gentleman no authority to do so, but defendant did not know of the transactions. What now appeared was that he robbed defendant of certain other saccharin and then bought the saccharin in this case on defendant's credit. He applied this saccharin to one of defendant's contracts. Defendant did not know it, but he knew it now, and felt he could not do otherwise than submit to judgment. His lordship gave judgment for plaintiffs for 1,600*l.*, and costs.

Glauber's Salt Case.—At St. Albans, on May 13, the hearing of a summons against Mr. Herbert William Pike, chemist and druggist, for having sold Glauber's salt containing fourteen parts of lead per million (*C. & D.*, May 15, p. 50), was concluded. The case had been adjourned for the Bench to hear prepared legal arguments as to whether the words "as far as possible" neutralised the guarantee. The town clerk (Mr. E. P. Debenham) appeared for the prosecution; Mr. T. Ottaway defended. Mr. Ottaway said he considered the warranty put forward by defendant was an absolute one, and he was entitled to rely upon it and be absolved from those proceedings. He ordered "Sodii Sulphas, Howards' B.P. Crystals," the goods being invoiced to him as such. He took the goods into stock believing them to be what he ordered, and sold them after taking all reasonable steps to satisfy himself that they were in the same condition as he received them. In this case it was contended that there were three warranties. The first was that on the top of the invoice which read: "We guarantee every article labelled B.P. to comply with official requirements as far as possible, and all other articles genuine unless otherwise stated." The second was the item on the invoice where the goods were invoiced as "Sodii Sulphas. Howards' B.P. Crystals." The third was the label on the bottle. The Chairman: The only point in this case is whether the implied guarantee is prejudiced by the words "as far as possible." Mr. Ottaway contended that these words did not apply to this article, because it was manufactured according to the B.P. requirements and they had it in evidence that there was no difficulty about the manufacture. These words, he said, were intended to apply in cases where there was a difficulty in the manufacture of an article up to B.P. standard, or where drugs lost their strength when exposed to the air. He desired to call evidence from Sangers, from whom defendant obtained the goods. The Bench ruled that the evidence was closed at the previous hearing. Mr. Debenham

submitted that the warranty was a qualified one, the words "as far as possible" neutralising all the previous words. Mr. Ottaway said that if the Bench found that the words "as far as possible" applied to Glauber's salt, it would really amount to saying that it could not be manufactured to the B.P. standard. Mr. Debenham said he would rather not argue the point at present. The chairman said that a particularly interesting point had been raised. They were sorry in the circumstances they were obliged to convict the chemist, but they were satisfied that, so far as defendant was concerned, he sold the salts in exactly the same condition as he received them, and believing them to be genuine. They thought the words "as far as possible" neutralised the guarantee. Therefore, the Bench ruled that, although defendant had done his best to supply genuine articles, the guarantee was not sufficient. The penalty would be 17s. and the analyst's fee of 10s. 6d. Mr. Ottaway said the penalty was not large enough to enable him to apply to the Bench to state a case if necessary. The Chairman: Then we will make it an inclusive fine of 2l.

Action for Libel.—At the Four Courts, Dublin, the action of McElhinney *v.* Quinn was listed for hearing on May 17 before Mr. Justice Pim sitting without a jury. The plaintiff, Dr. William J. McElhinney, Ph.C., 69 Morehampton Road, Donnybrook, Dublin, brought the action to recover damages for libel from the defendant, Mr. James Quinn, B.A., who in preliminary applications had been described as a "grinder"; and the plaintiff also asked for an injunction restraining the defendant from continuing the publication of the libels complained of. Among those to whom, it was alleged, the defendant published the libel was the secretary of Evans Sons Lescher & Webb, Ltd., wholesale chemists, Liverpool. Mr. T. M. Healy, K.C., Mr. Gibson, K.C., and Mr. Hamilton (instructed by Mr. A. Lane Joynt) appeared for the plaintiff; and Mr. Williamson, K.C., Mr. McGrath, K.C., and Mr. Clery (instructed by Reddin & Reddin) for the defendant. When the case was called, Mr. Healy, K.C., said he was happy to tell his lordship that this very lengthy and troublesome case had ended satisfactorily for the plaintiff. It was an action by a young medical man, who was not only a doctor but who conducted a chemist's establishment in the Morehampton Road, for a series of libels published upon him by the defendant, a man of some distinction and parts and with a college degree. He would not go into the nature of the libel further than to say that it imputed that at his Matriculation examination, some fourteen or fifteen years ago, the plaintiff was personated by another student. He was glad to tell his lordship that the defendant, having been advised by his learned counsel, had seen his way to withdraw and apologise for these statements and to pay the plaintiff's costs. The action was brought by Mr. McElhinney simply to vindicate his character. His object was not to get damages, nor did he desire damages, except in so far as they would mark publicly a sense of the injury inflicted upon him. He could only say for himself that he was very glad that the defendant had been advised as he had been, and that he had taken the good advice which had been given to him, because if he went to open the case it would surprise even his lordship with his judicial experience. Mr. Williamson, K.C., for the defendant, said he had had an opportunity of looking into this case the previous day and of giving it the best consideration that he could, and he had advised his client that morning that, if he could arrange matters, he should apologise for these libels and withdraw the charges. He was happy to state that it was with the full concurrence of his learned colleagues that he had urged that course upon his client, and that his client had taken the advice given him. On his client's behalf he had nothing more to say than to apologise for having written these letters and to withdraw the charges therein contained, and to allow judgment against him, with costs. Mr. Justice Pim said this case had been previously before him on another application, and he knew practically all the facts. He was exceedingly glad that the defendant had taken the advice given him by his counsel. He thought it was the only

proper course in a case like this. He asked: Is there any further apology than that made in *Costello v. Williamson*: No, that is all. Mr. Justice Pim: That is quite sufficient, and I hope no more will be asked of this. Mr. Healy: We are much obliged to your lordship for your consideration. There will be a tax the costs. Counsel also asked for a certificate of recovery and, if necessary, certificates for three counsel. Mr. Williamson: They got 52l. Mr. Healy: I beg to assure you a certificate for three counsel. Mr. Williamson: That certificate was not necessary in the present case. Mr. Justice Pim (to Mr. Healy): If it is necessary to give you a certificate, but I am not quite clear that it is necessary. Mr. Healy: Your lordship gives us a certain amount of discovery. Mr. Justice Pim: Certainly. Judgment accordingly given for the plaintiff, with costs.

Drug-workers' Strike

THE strike of the staff of some of the London drug-houses continues (*C. & D.*, May 15, p. 54), although the greater part of the workers in Liverpool, Evans Sons Lescher and Webb, Ltd., and Ayrton & Co., Ltd., have come out, the strike has not extended to London. The reason for this is that the strike is recognised by the National Warehouse and General Workers' Union, to which the employés of Evans Sons Lescher & Webb, Ltd., and Burroughs Wellcome & Co. belong. It is stated that chemical workers in the principal cities have given in notices to cease work. National Warehouse and General Workers' Union has suggested to the Association of Drug and Fine Chemical Manufacturers that if, as a result of the arbitration proceedings in June an advance in wages is agreed to, it shall be made retrospectively to the first of April. The Association, in reply, calls attention to the agreement made on the initiative of the unions for avoiding strikes and lock-outs, and states that, until the return to work and evidence is given that unionists can pledge their members to abide by the agreement, negotiations cannot serve any effective purpose.

THE EMPLOYERS' STATEMENT
which we printed last week (p. 55) has been superseded by the following issued to their workpeople on May 18 by Evans Sons Lescher & Webb, Ltd., London:

We are sure that had those of our staff who have been with us so long and so harmoniously known each other, and the agreement which exists between us, contained, that no trouble could not possibly have arisen.

The clause in the agreement bearing on the present situation is:

"(5) Revision of rates of wages. Either party to the agreement, by giving twenty-one days' notice, may apply in the months of February, June, and October to revise the rates of wages provided for in this agreement. In the event of a failure to agree on any such revision, it shall be submitted to an arbitrator to be appointed by the parties, or, failing an agreement, to an arbitrator appointed by the Ministry of Labour. A change which are the subject to such agreement or award shall take effect as from the first pay-day in April, December respectively."

On previous occasions when an arbitration has taken place it has gone in favour of the employés, and employers have never disputed it, but on this last occasion because it did not go in favour of the employés, an official strike has been called by a certain section of the staff. We are certain that a very large majority of the staff do not wish to treat an agreement as a "scrap of paper" any more than they would expect their employer to do so. If, therefore, any of our staff would like to do so, and handle for themselves our own copy of this agreement, we shall be glad for them to do so, and we hope the same in Mr. Andersen's hands to show to any employer who will ask him.

Evans Sons Lescher & Webb, Ltd., Liverpool, have sent out a circular to their customers explaining the inability to deal with business. The letter concludes:

We much regret any inconvenience which may be caused in the matter, but we can only ask for your indulgence and sympathy. You will readily understand that

ible for us to do other than abide by the Government. Immediately the situation is improved we are you.

NEWSPAPER COMMENTS.

"Times," referring to the strike of the employees of Oxford Street draper and to the drug-workers' strike:

are not by any means the first two cases in which its governing the adjustment of industrial conditions have been torn up. Such cases have been only too often of late. But the two cases serve to illustrate inest way one of the most alarming symptoms of the industrial spirit. There are far too many signs position among reactionary employers and revolutionaries to hold pledges cheaply, and to ignore obligations, if ignoring them suits their purpose. Necessity of trade agreements may be over-estimated; not fail to be disturbing to all thoughtful observers of social progress when they see obligations accepted by employers and workmen dishonoured by either side at its own caprice. The whole of collective bargaining is involved in the defiance of employers. Any employer or any body of workpeople seriously throws that question into the melting-pot a grave disservice to the cause of peace and in industry.

New Statesman," of May 15, has the following of the Arbitration Courts:

part of Arbitration established under the Industrial Act of last year is not distinguishing itself, and is continuing to pursue its present policy, to find fore long in very considerable difficulties. We read unfavourably some weeks ago on the national high it gave to the engineering and allied trades, the score of the actual advance conceded, but because extraordinary arguments by which the decision was made. Now we have the spectacle of the drug and workers on strike for an advance in wages which it has refused to concede to them. In the engineering case, an advance was given on the ground that ought to be determined by the value of the product, the abnormal selling prices prevailing for exports an increase. In the drug and chemical case the old—wrongly, as we believe—that the condition of trade did not justify an increase. This is surely a novel principle for a Court of Arbitration to determine wage advances, and is bound to lead to; for it means that two groups of workers whose type of work are largely similar may receive quite different treatment on account of differing export conditions. This will mean confusion and discontent. It is difficult, for an Arbitration Tribunal to follow any principle in the giving of awards, because no one what a just wage is; but it is far better to get without a principle than to adopt so vicious and is a principle as that which seems to be finding with the Court of Arbitration.

REOPENING THE CASE.

Reopening of the question of an advance in wages of drug-workers has been given by the Amalgamated Society of Pharmacists, Drug and Chemical Manufacturers ("Drug Union") to the Association of Drug and Chemical Manufacturers in accordance with the which exists for a revision in June.

ass meeting of members was held at Shoreditch Hall, London, E.C. on May 18, when over 2,000 were present; Mr. Herbert Skinner was in the The position under the Industrial Court was examined and its relation to the present unrest in the drug. After considerable discussion and questioning a was moved from the meeting that

mass meeting of drug and chemical members of the agree to abide by the agreement with the Drug and Chemicals Association pending the reopening of the June.

was carried with five dissentients.

ITION IN FOREIGN HAY AND STRAW.—The Ministry of Agriculture and Fisheries has issued a warning of the risk of foot-and-mouth disease being conveyed in straw used as packing for imported articles. It urges traders to destroy such packing material, if possible, so that it may not eventually reach a farm in contact with animals.

Coming Events.

Thursday, May 27.

London Chemists' Golfing Society, Wembley Course, Wembley Park Station. Hill Cup—18 holes, medal play.

Western Pharmacists' Association, Pinoli's Restaurant, Wardour Street, London, W.1, at 8.30 p.m., Annual meeting.

North London Pharmaceutical Association, Anderton's Hotel, Fleet Street, London, E.C., at 7 p.m., Annual meeting, followed by social and whist-drive at 7.30 p.m. Tickets (4s. 6d. each, double 8s.) from Mr. H. Skinner, The Dispensary, Great Northern Hospital, London, N.7, before May 24.

Friday, May 28.

Royal Society of Arts, John Street, Adelphi, London, W.C., at 4.30 p.m., Professor W. A. Bone on "Lignite."

Sheffield Pharmaceutical Students' Association, Literary and Philosophical Society's Rooms, Church Street. Dr. Gunnings on "Harmonic Vibration."

The London, South of England, and Westminster Colleges of Pharmacy, Public Hall, Hill Street, Clapham, London, S.W., at 8 p.m., Dr. J. Stanley White on "The Nature and Use of Biological Products."

Saturday, May 29.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W.1, at 3 p.m., Dr. J. H. Jeans, F.R.S., on "Recent Revolutions in Physical Science: (1) The Theory of Relativity."

NATIONAL ASSOCIATION OF WOMEN PHARMACISTS (LONDON GROUP).—A social gathering will be held at Dr. Williams' Library, Gordon Square, London, W.C., on June 4, at 8 p.m. Women pharmacists and women entering for the Qualifying examination invited.

Poisoning Statistics.

THE eighty-first Report of the Registrar-General of Births, Deaths, and Marriages (England and Wales), covering the year 1918, has just been issued. The following is a comparison of the main features with those of the year 1917:

	1917	1918
Population	33,711,000	33,474,700
Marriage rate	15.8 per 1,000	15.4 per 1,000
Birth rate	17.8 per 1,000	17.7 per 1,000
Deaths	498,922	611,861
Death rate	14.4 per 1,000	17.6 per 1,000
Poison deaths (corrected figures) {	Accident 121 Suicide 195	Accident 135 Suicide 218
	Total 316	Total 353
Ratio of deaths from poison	1 in 1,579	1 in 1,733

For the first time in many years the report contains a detailed reference to poisoning statistics. In the section of the review dealing with the causes of death the compiler (Dr. T. H. C. Stevenson), after pointing out that suicides were abnormally frequent among women in the last quarter of the year, remarks:

If we . . . endeavour to determine which forms of suicides have declined and which increased since 1911, we find: (1) A remarkable decline for both sexes in suicide by poison. The yearly deaths of males have fallen from 305 in 1911 and 324 in 1912 to 102 in 1917 and 96 in 1918; and those of females from 210 and 223 to 94 and 122. In each sex the chief drop was between 1914 and 1915, the figures for males in these two years being 283 and 156, and for females 223 and 168. No special legislation can account for this, for no changes of the law relating to the sale of poisons have been made during the eight years which could constitute an obstacle to suicide by poison except in quite a minor degree. (Veronal and kindred preparations were added to Part I. of the official schedule of poisons in 1913; and in 1916 the limiting strength of morphia bringing preparations of opium within Part I. was reduced from 1.0 to 0.75 per cent, thus for the first time placing laudanum in this position. Other new regulations as to the sale of ammonia, sulphuric and hydrochloric acids, the soluble salts of oxalic acid, etc., are merely designed to safeguard against accident, and could scarcely affect suicide.) Nor can the fact that poison is a method of suicide resorted to by the young rather than the old account for what has occurred, for the reduction in the younger lives at risk is confined to the male sex, and other modes of suicide favoured by young men, such as crushing by vehicles and drowning, show

no such reduction as that from poison. Great reductions are shown in the deaths from practically all the common forms of poison, and in some cases, where a sudden fall appears in 1915—e.g., hydrochloric acid, 101 deaths in 1914 and 47 in 1915, and oxalic acid, 83 deaths in 1914 and 38 in 1915—the drop might be thought to have been possibly due in part to difficulty in obtaining the poisonous agent in consequence of war requirements. Consultation on this point with the Pharmaceutical Society, however, has elicited no confirmation of this surmise, the opinion being expressed that some at least of the poisons most commonly used in suicide remained easily obtainable by the public throughout the war. Moreover, the greatest decline of all—namely, that in suicide by means of opium or morphia, could not in any case be attributed to munitions requirements. In this case the annual numbers of deaths suggest that the decline is partly though by no means entirely due to the increased stringency of the new regulation for sale, which came into effect in February 1916. The deaths in each of the eight years 1911-18 have been as follows: 48, 52, 38, 40, 30, 13, 4, 11. The change in the conditions of sale corresponds in date with the reduction in deaths from 30 in 1915 to 13 in 1916, but the deaths had already fallen from 52 in 1912 to 30. Amongst other poisons showing great decline may be mentioned carbolic acid, prussic acid, phosphorus, and arsenic; while others, for which the decline is less, though still in all cases substantial, include potassium cyanide, ammonia, strichine, and veronal. The conjecture that these changes have been partly due to increased difficulty of supply is to some extent supported by the movement in deaths from the same agents classified to accident, though doubtless these latter include many suicides. A great fall in accidental poisonings is recorded for both sexes between 1914 and 1916, though it has made little progress since, and the parallelism between the movements of suicidal and accidental mortality from individual poisons is far from complete.

There is a slight error of fact in Dr. Stevenson's reference to veronal, which was not added to Part I. of the schedule till December 11, 1917; it was placed in Part II. in 1913. The veronal figures for 1916 are noticeably lower than those for the two following years—an illustration of the difficulty of generalising on the causes of statistical fluctuations. In 1862 a predecessor of the present Registrar-General paid a handsome compliment to pharmacy in this connection, and his words are worth recalling: "The accidental deaths by poisoning per million living varied from 21 to 26 in the years 1850-57; and fell to 15, 14, 12, 13, and 13 in the five years 1858-62. This is fairly referable to the increased care of the chemists and druggists and to judicious legislation." It seems probable that the order of importance is not dissimilar to-day.

We may amplify the comparison made in the passage just quoted from Dr. Stevenson's review by expanding the short table that we gave last year (*C. & D.*, 1919, p. 385), so as to show how the poisons reaching double figures in either column during 1917 or 1918 compare with the averages for the preceding thirty-five years:

Poison	Negligence and Accident			Suicide		
	1917	1918	Average, 1882-1916	1917	1918	Average, 1882-1916
Ammonia ...	5	5	9.7	11	11	9.8
Carbolic acid ...	9	12	25.0	32	30	97.6
Hydrochloric acid	3	3	10.9	26	25	43.5
Hydrocyanic acid	2	—	3.1	12	14	25.9
Opium, laudanum, &c.	16	22	73.9	4	11	52.8
Oxalic acid ...	6	2	6.0	26	24	53.7
Potassium cyanide	2	—	2.4	25	18	22.3
Strychnine, &c. ...	2	9	6.43	7	12	21.9

It thus appears that the figures for the year 1918 do not differ very substantially from those of the previous year. While the ratio of deaths from poison to total deaths is the lowest on record, the actual number, 353, is slightly higher than that of 1917. Of poisons not included in the short table, arsenic, which has always shown considerable fluctuation in the records, has risen in the suicide column to 1.5 above the average, and lysol shows in both columns a tendency to rise, the aggregate figures being the highest since the first appearance of this poison in the reports in 1909. The entry relating to solanine is, unfortunately, not accompanied in the report by any indication as to whether the alkaloid itself was the agent or whether it

was a case of children eating dulcamara berries, active principles of which were described by Mr. Davis in 1902 (*C. & D.*, II., 1902, p. 313). A table is appended, corrected figures being given to exclude deaths due to coal-gas, insect-stings, etc.

Poison	Negligence and Accident		Suicide		Negligence and Accident		Suicide	
	1916	1917	1916	1917	1916	1917	1916	1917
A.B.C. liniment ...	2	—	—	—	1	—	—	1
Acetanilide*	—	—	—	—	2	—	2	—
Acetic acid ...	2	—	2	—	—	—	—	—
Aconite ...	2	—	1	—	—	—	—	—
Ammonia ...	4	—	15	—	5	—	11	—
Anilin	—	—	—	—	—	—	—	—
Antimony chloride	—	—	—	—	—	—	—	1
Antimony, tartrated	—	—	—	—	—	—	—	1
Arsenic ...	1	—	8	—	4	—	2	—
Arsenic and strichine	—	—	—	—	—	—	—	—
Aspirin	—	—	—	—	—	—	—	—
Atropine ...	1	—	1	—	1	—	1	—
Belladonna ...	4	—	2	—	2	—	3	—
Belladonna and strichine	1	—	—	—	—	—	—	—
Benzene ...	—	—	1	—	1	—	—	—
Benzene and carbon bisulphide	—	—	—	—	—	—	—	—
Boric acid ...	—	—	—	—	—	—	1	—
Bromidin and sulphonal...	—	—	—	—	—	—	1	—
Camphor and camphorated oil	2	—	2	—	—	—	32	—
Carbolic acid	10	45	—	—	—	—	—	—
Carbolic and oxalic acids	—	—	—	—	—	—	—	—
Chloral ...	—	3	—	—	—	—	—	—
Chloral and potassium bromide	—	—	—	—	—	—	—	—
Chlorine ...	—	—	—	—	—	—	1	—
Chlorodyne	2	—	1	—	4	—	1	—
Chloroform (not in operations)	2	—	3	—	—	—	3	—
Chloroform and trional	—	—	—	—	—	—	—	—
Coal-tar and preparations	—	—	—	—	—	—	—	—
Cocaine ...	—	—	—	—	—	—	1	—
Cocaine and morphine ...	—	—	—	—	—	—	—	—
Creosote ...	1	—	2	—	—	—	—	—
Cresolene ...	—	—	—	—	—	—	1	—
Cresylic acid ...	—	—	—	—	1	—	—	—
Dutch drops	—	—	—	—	—	—	—	—
Ergot ...	—	—	—	—	—	—	—	—
Eserine ...	—	—	—	—	—	—	—	—
Ether (not in operations)	—	—	—	—	—	—	1	—
Formalin ...	1	—	—	—	—	—	—	—
Hydrochloric acid ...	5	—	32	—	3	—	26	—
Hydrocyanic acid ...	—	2	12	—	2	—	12	—
Iodine ...	2	—	1	—	—	—	1	—
Izal ...	—	2	—	—	—	—	2	—
Jeyes' fluid ...	1	—	—	—	—	—	—	—
"Lead" ...	1	—	—	—	—	—	—	—
Lead lotion	—	1	—	—	—	—	—	—
Lead plaster	—	—	—	—	—	—	—	—
Lysol ...	—	—	1	—	2	—	1	—
"Mercurial poisoning"	—	—	—	—	—	—	—	—
Mercury perchloride	2	—	4	—	2	—	—	—
Methyl alcohol	3	—	—	—	1	—	—	—
Nicotine ...	—	3	—	—	2	—	1	—
Nitric acid ...	1	—	2	—	1	—	—	—
Nitrous acid ...	—	—	—	—	—	—	—	—
Opium, laudanum, & morphine	11	—	14	—	16	—	4	—
Oxalic acid ...	2	—	28	—	6	—	28	—
Paraldehyde	—	—	—	—	—	—	—	—
Paregoric ...	—	1	—	—	—	—	—	—
Phosphorus ...	2	—	1	—	—	—	1	—
Potassium bichromate	—	—	—	—	—	—	—	—
Potassium chlorate	—	—	—	—	—	—	—	—
Potassium chloride	—	—	1	—	—	—	—	—
Potassium cyanide	—	2	16	—	2	—	25	—
Potassium oxalate	—	1	—	—	—	—	—	—
Potassium permanganate	—	1	—	—	1	—	—	—
Quinine ...	—	1	—	—	—	—	—	—
St. Jacobs' Oil	—	—	—	—	—	—	—	—
Sanguinaria ...	—	1	—	—	—	—	1	—
Sanitis ...	—	1	—	—	—	—	—	—
Sapoplin	—	1	—	—	—	—	1	—
Soda, caustic	—	1	—	—	—	—	1	—
Sodium nitrate	—	2	—	—	—	—	—	—
Solanine ...	—	—	—	—	—	—	—	—
Strychnine and nux vomica	8	—	11	—	2	—	7	—
Sulphonal ...	1	—	1	—	1	—	1	—
Sulphur chloride ...	—	—	1	—	—	—	—	—
Sulphur dioxide ...	—	1	—	—	1	—	—	—
Sulphuric acid ...	5	—	2	—	2	—	2	—
Thymocresol	—	1	—	—	—	—	—	—
Toxol ...	—	—	—	—	—	—	—	—
Trional ...	—	—	—	—	—	—	1	—
Turpentine and preparations	2	—	—	—	—	—	2	—
Veronal ...	5	—	5	—	8	—	8	—
Zinc chloride ...	—	—	—	—	1	—	—	—
Zinc sulphate ...	1	—	—	—	1	—	—	—
Kind not stated	23	—	26	—	26	—	19	—

* 1 "Kaputine Powders"; 1 "head and nerve powder".

Pharmaceutical Society of Ireland.

Council-meeting.

thly meeting of the Council of the Pharmaceutical Society of Ireland was held at 67 Lower Mount Dublin, on May 11, Dr. A. J. Barnes, Vice-President of the Society, in the chair. The following members of the Council were also present: Dr. J. A. Walsh, Mr. Walter, Messrs. G. D. Beggs (hon. treasurer), Mr. James Michie, James Tate, A. Owen Wells, Mr. Hanna, John Smith, Josiah R. Middleton, Mr. Thomas N. Moffitt, Wm. J. Hardy, and Mr. Lean Lee. Mr. H. Lancashire wrote apologising for, due to a severe cold.

CINCH PHARMACEUTICAL LICENCE CERTIFICATE.

Registrar (Mr. A. T. Ferrall) submitted a letter from Robert Morrow, M.P.S.I., Newtowndrums, who stated that his licence certificate had been lost in the post on the premises of Mr. S. G. Mackey, Ph.C. The Registrar how he could have the certificate

BEGGS: You can only give a letter.

REGISTRAR said that in the case of Mr. W. M. Keys, whose name had been burned, the Council gave him a certificate, certifying that his name appeared in the Register, and he had passed an examination in certain subjects on a certificate.

Mr. F. WELLS: You have done that in many cases. REGISTRAR said that Mr. Morrow's case differed from that of Mr. Keys. Mr. Keys was going in to the University, and he wanted the parchment more for the purpose of showing the University authorities what Mr. Morrow was in business and was a member of the Society, and he wanted to display the licence in

Mr. F. WELLS: If I lost my licence your difficulty would be, where could you get the signatures of those who vouchsafed me.

Registrar was directed to furnish Mr. Morrow with a certificate of his registration.

DEATHS OF PHARMACISTS.

Registrar reported the death, on April 17, at Redruth, Cornwall, of Dr. John Evans, Ph.C., late of Redruth, and he also reported the death of Mr. James Hardy, M.P.S.I., late of Dublin.

Mr. WALTER said they would all like to express their sympathy in reference to the death of Dr. John Evans, one of the best pharmacists in Dublin and in Ireland—a man, whose heart and soul were always in the service of the Council. He did not mind waiving the usual custom of expressing their sense of the loss of a man in Ireland had sustained by the death of Dr. Evans and also by the death of Mr. Hardy.

Mr. F. WELLS said he would like to second the motion. They had a precedent in passing a vote of condolence in the case of Dr. Evans, because he was an old member of the Society; and when those who had been members of the Council or examiners had died they had the habit of expressing their regret. Dr. Evans was a specimen of a fine pharmacist, and he had one of the best dispensing businesses in Dublin. The establishment was about three hundred years in existence, and a credit to every sense of the word. John Evans was a good fellow. He (Mr. Wells) felt very sorry for him, and he thought they ought to express their sympathy with his family in the loss they sustained.

Mr. WALTER said he would like to support the motion. He felt the death of Dr. Evans very much. A man whom he (Mr. Smith) always looked up to with respect. Dr. Evans had been his employer in many years ago. Dr. John Evans and Mr. Charles Evans, were two men very

dissimilar in a great many ways. But those who worked for them could not help admiring and loving them.

The vote of sympathy was passed in silence, the members of the Council rising in their places.

The Registrar also reported the death on April 22 of Mr. John Edwin Levis, M.P.S.I., late of Skibbereen, co. Cork. He submitted a letter from Mr. John J. A. Sewell notifying the death of his father, Mr. John J. A. Sewell, M.P.S.I., late of New Street, Killarney, who died on March 7.

PRELIMINARY REGISTRATION.

The following submitted certificates from other bodies and were admitted to preliminary registration:

Mr. John Bradley, the Rexall Pharmacy, Boyle, co. Roscommon; Mr. Thomas J. Burk, 1 Carlisle Street, South Circular Road, Dublin; and Mr. Robert L. Clarke, 32 Main Street, Portrush, co. Antrim.

PHARMACEUTICAL LICENCES.

It was directed that the Pharmaceutical Licences of the following be sealed:

Miss Helena R. Hay, Messrs. D. J. Byrne, J. S. Walsh, W. J. Redmond, G. C. Burns, M. McRoberts, W. H. Harman, W. P. Sheil, J. Crowne, D. Nolan, J. Robinson, W. Gallagher, L. Hutchinson, E. Sutton, P. Fahey, and J. Coffey.

CHANGES OF ADDRESS.

The following notified changes of address:

Mr. David Boyd, Ph.C., to 37 Fountain Street, Belfast; Mr. William R. Corrie, Ph.C., from Canada, to Belle Vue, Ballybally, co. Monaghan; Mr. Thomas J. Eglinton, R.D., to 134 Dublin Road, Belfast; and Mr. Richard Ousey Smythe, R.D., from Castleblayney, co. Monaghan, to c/o Messrs. Chandler & Co., chemists and druggists, Haymarket, Lucknow, India.

REPORTS FROM EXAMINERS.

The Registrar submitted reports from the examiners upon the Preliminary, Pharmaceutical Licence, Pharmaceutical Assistant, and Registered Druggist examinations. For the Preliminary examination fifty candidates presented themselves, of whom twenty-six passed.

Mr. HARDY: How many were females?

The VICE-PRESIDENT: Half and half.

For the Pharmaceutical Licence thirty candidates presented themselves, of whom sixteen passed, thirteen with honours and two received gold medal marks. For the Pharmaceutical Assistant examination there were three candidates, of whom one passed. For the Registered Druggist examination there were fourteen candidates, of whom six passed.

Mr. W. F. WELLS said the percentage of candidates who passed the Licence examination was marvellous. They must be a good class of men.

The REGISTRAR said three demobilised men had passed. Reports were received from the Law Committee and the House Committee and were adopted.

THE SOCIETY'S CALENDAR.

The VICE-PRESIDENT's proposal that advertisements should be accepted in future for the Society's Calendars came before the Council on a report from the House Committee recommending a scheme providing for the acceptance of advertisements at a charge of 3*l.* per page and 1*l.* 15*s.* per half-page.

The Council adopted the recommendation.

APPOINTMENT OF AN EXAMINER.

Mr. Robert Mellon, M.P.S.I., was elected an examiner for the Practical Pharmacy Division of the Pharmaceutical Licence examination in place of Mr. John Burnett, M.P.S.I., whose full term of five years has expired.

ELECTIONS AND NOMINATION.

The following were elected as members:

Miss Helena R. Hay, Ph.C., 6 Carrigfern, College Road, Cork (life); Mr. Thomas Lavery, Ph.C., 213 Mountpottinger Road, Belfast; Mr. Michael J. McConvil, Ph.C., The Square, Crossmaglen; and Mr. Frank T. Timoney, Ph.C., 68 Russell Avenue, Drumcondra, Dublin.

Mr. Walter McFarland, Ph.C., The Medical Hall, Ballybofey, co. Donegal, was nominated for membership.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

CARBONATE OF POTASH.

Answering questions in regard to the shortage of carbonate of potash in the glass-making industry, Sir Robert Horne, President of the Board of Trade, stated in the House of Commons on May 17 that about 20 tons has been brought into this country from Germany since November 11, 1918. Under the Peace Treaty all the Allies are to be treated alike in the matter of supplies.

PROFITEERING ACT PROSECUTIONS.

It was stated in the House of Commons on May 18 that 145 prosecutions under the Profiteering Act have been determined up to April 30, of which 8.27 per cent. have been successful. In three of the cases no fine was inflicted, but the respondent was ordered to pay the costs, and in thirteen other cases a fine of less than £1. was imposed. In the remaining cases fines varying from £1. to £100. have been imposed.

CHAMPAGNE AS MOUTH-WASH.

Mr. C. Palmer, on May 18, asked the Chancellor of the Exchequer whether his attention has been called to a speech at Manchester by Dr. Sim Wallace, late lecturer on dental surgery and pathology at the London hospitals, declaring that while cocoa and chocolate were not beverages for cleansing the mouth, tea, coffee, and beer were, and that dry champagne was an excellent mouth-wash; and whether, in the interests of public health, he will reconsider his excise proposals affecting beer and champagne with a view to a reduction in duties.

Mr. Chamberlain: The answer to both parts of the question is in the negative.

Mr. Davison: May I ask whether lysol would not be an effective substitute for beer and champagne as a mouth-wash, and whether it would not be equally effective for cleansing writing material?

Mr. Chamberlain: I deprecate turning Question Time into an advertising medium.

PALM KERNELS.

By question and motion in the House of Lords on May 12 the preferential duties on palm kernels came under discussion. The Earl of Mayo asked the Secretary for the Colonies about "the action of the Colonial Office in restricting the rights of natives in British West Africa to dispose of palm kernels in the open markets of the world." He asked if any action had been taken by the Foreign Office or the India Office, and moved for papers. Viscount Milner replied that owing, as he thought, to this preferential export duty we now had in this country a large kernel-crushing industry, which was an advantage not only to this country, but to the native producer. The imposition of the duty was part of a policy directed towards the establishment of the industry, but the object of the duty was temporary. It was imposed to give a start to a particular industry. It was never intended to maintain it longer than was necessary to achieve that object. He expected that at the end of the five-year limit it might not be found necessary to continue it. After further discussion the motion was withdrawn.

EXPORT OF MORPHINE.

Mr. Gilbert, on May 17, asked the President of the Board of Trade which countries British-made morphia was exported to during the year 1919; the amount and value of the morphia so exported to each country; what precautions are taken to secure the restriction of such morphia to medical or legitimate purposes; how many factories for morphia there are in Great Britain; and whether they are controlled and supervised in accordance with the provisions of the International Opium Convention of 1912.

Sir R. Horne replied: A statement of the recorded exports of morphia will be printed in the Official Report, but I regret that those figures do not include exports through the post, particulars of which are not available.

Licences are granted by the Board of Trade on the basis of the estimated legitimate requirements of the country of destination, and an arrangement is in force in regard to certain destinations—a hope is extended to others—under which an application for a licence must be accompanied by a certificate of the appropriate Government authority in the country of destination that the drug is required exclusively for medicinal or scientific purposes, and not for re-export. I am aware of only three factories in Great Britain producing morphia. When the Drugs Bill is presented before the House is passed, control over such factories will be exercised in accordance with the provisions of the Opium Convention.

Sir J. D. Rees: Does the Government intend to endeavour to control or do something with morphine in the world?

Sir R. Horne: No; we do not hope to accomplish such vast undertaking as that.

Sir J. D. Rees: There was a reference to the amount of supplies from British factories to certain countries of the world.

Sir R. Horne: From British factories, certain statements showing the Quantity and Value of "Morphine Salts," the Manufacture of the United Kingdom Exported from the United Kingdom to each Destination during the Year ended December 31 (exclusive of Exports by Post).

Countries of Destination	Quantity Value (ounces)
<i>Foreign Countries.</i>	
Russia ...	4,745
Sweden ...	1,192
Norway ...	176
Denmark (including Faroe Islands) ...	434
Germany ...	384
Netherlands ...	460
Belgium ...	15,088
France ...	140,873
Switzerland ...	2,784
Portugal ...	203
Spain ...	222
Italy ...	508
Austria-Hungary ...	144
Greece ...	15
Persia ...	7
Siam ...	4
China (exclusive of Hong Kong, Macao and leased territories) ...	121,474
United States of America ...	6,025
Cuba ...	416
Mexico ...	19
San Salvador ...	30
Panama ...	193
Venezuela ...	4
Peru ...	1,077
Chile ...	2,288
Brazil ...	3,823
Argentine Republic ...	302,733
<i>Total to Foreign Countries</i>	
<i>British Possessions.</i>	
Egypt ...	40
Union of South Africa ...	173
British India ...	530
Hong Kong ...	61
Australia ...	897
New Zealand ...	35
Canada ...	18,501
<i>Total to British Possessions</i>	
<i>Total to Foreign Countries and British Possessions</i>	

THE SALE OF QUININE.

Mr. Glanville, on May 6, asked the Minister of Health whether on or about February 23 several hundred thousands of ounces of quinine were sold to John H. & Lucas by the Ministry; what was the exact quantity

in question; what was the sum of money the names of other firms which tendered and offered by them for this quinine; whether an order with the disposal of this quinine was in the

John Bell, Hills & Lucas before being given position; and whether he resumed his connection with the firm immediately after the sale of the quinine

He replied: A considerable quantity of tablets of quinine was recently sold by the Board to John Bell & Croyden, Ltd. The quantity of quinine salts contained therein amounted to 270,000 oz. Fifty-six invitations for tendered, and among those who offered were Messrs. Howards, and T. & H. Smith, Ltd. The price slightly in excess of the valuation made by the visors of the Department, and was substantially in the next highest offer received. The answer to two parts of the question is in the negative. The responsible for the disposal of these tablets is a man of many years' standing, and he is still in the Disposal Board.

POPPY CULTIVATION IN INDIA.

Albert asked the Secretary of State for India on behalf of the acreage under opium cultivation for each year from 1914 to 1919, the amount of opium produced in and exported from India between 1914 to 1919, which are the countries to which opium is consigned to, and the amount and value of opium consigned to each country, respectively. Mr. Inskip, in reply, circulated the following table:

showing the Area under Poppy (in acres) and the value thereof (in maunds of 82½ lb.) in British India, to 1916-17.

Year	Area under Poppy (Acres)	Outturn in Maunds (1 maund=82½ lb.)
1914	144,561	24,292
1915	164,911	28,293
1916	167,155	27,001
1917	204,186	32,124

As of opium cultivation in India for 1917-18 are not available. No figures are obtainable as to the value of the Indian production.

Profiteering (Amendment) Bill.

Committee stage, to which reference was made (p. 52), the suggested amendment to exclude from the definition of selling (C. & D., May 8) brought forward by Mr. Kiley. He said that the of which prescriptions are made up are of grades of quality, that time and skill are needed in sing, and that some of the ingredients are in hand, and, consequently, have to be kept in a long time.

Sir R. Horne (President of the Board of Trade) agreed with the arguments, but said that some cases had been brought forward in which charges were made for a prescription. In a large amount was charged for a pennyworth in a sixpenny bottle just because the article ordered in a prescription. He quoted also a Court case in which the Lord Chief Justice service was involved in almost every article is plain, however, that Tribunals should give heed to the fact that in making up a prescription applies special skill which took years to acquire, used to give instructions to Tribunals in this

Mr. Kiley moved an amendment to Clause 1 with schemes for fixing reasonable rates of profit, of which would have been to take out such or class of articles, from the schedule. Sir R. Horne, who spoke on the same amendment, said he felt that the word "drug" in the schedule is reasonably wide. Some drugs are only sold as those in everyday use. Sir R. Horne said prepared to meet this claim if chemists would list of articles which could be embodied in

the regulations. Mr. Kiley withdrew his amendment as the invitation to provide a list of commodities met the point of view. A further amendment, which was accepted, was that in investigations under Clause 5 regarding the cost of proprietary articles the composition should not require to be disclosed.

THIRD READING.

On May 13 the Bill, as amended in Committee, was considered, and eventually read a third time. The following new clause relating to proprietary articles was inserted:

Nothing in this Act or in the principal Act contained shall (in its application to a proprietary article hereinafter defined) require particulars of any secret process of preparation, or of the ingredients used in the composition of such article to be furnished; but the Board of Trade shall be entitled to require that the cost of any such article (exclusive of overhead charges) shall be furnished by the proprietor under the certificate of a duly qualified chartered accountant verified by statutory declaration.

A "proprietary article" shall be deemed to be any article, the exclusive property of any individual, or company, or firm, the composition of which is secret or in the preparation of which secret processes of manufacture are employed.

This led to some discussion as to what is meant by a "proprietary article." Mr. Inskip said this is understood in common language to be a quack medicine, but apparently is intended to apply not only to articles of which the composition is secret, but to processes which are secret. He thought a court of law would decide that the expression applies only to a particular thing like a medicine. Mr. Rawlinson said that every patent medicine would come in, and "we all know what is the cost of a large number of ingredients in patent medicines."

Sir R. Horne said the clause had nothing to do with patent medicines, because the first element of a patent is disclosure. This does not deal with any question of processes which are disclosed, but only with cases in which the process of the manufacture of the article is secret. That is the first thing to be remembered. The patent article, therefore, must be kept entirely out of account. There was in committee a question raised by people who represent the chemists, and that particular question raised the very point suggested in connection with patent medicines, because it is obvious that something far more than the mere ingredients of a patent medicine, or of a prescription, is involved. There is the skill of the man who has enough knowledge how to make it, as in the case of a chemist, and there is the invention of the man who has decided what ought to go into a particular bottle of medicine in order to give the desired results. Mr. Rawlinson interposed that "a prescription does not come under the Act," and said that he used the term "patent medicine" in the ordinary sense of proprietary medicines.

Sir R. Horne, continuing, said it has been decided in the case of a mixture made by a chemist that that is an article for sale. The chemists complain that there was not sufficient importance given to the element of skill in the composition, and they desire that prescriptions made up by chemists from the instructions of a doctor should be excluded entirely from the Bill. The Committee decided that that was not a sound view on the judgment which the court pronounced in the case referred to. "We had the terms of the judgment before us, and the Committee decided with that judgment in view. Of course, it is always incumbent on a Committee, acting fairly, to consider not merely the price of the constituents of a bottle of medicine, but also the skill of the man who has put the things together, in estimating whether the price charged is a fair and reasonable price or not. But we arranged that, by a differentiation in the schedule, we should be able to meet the case of the chemists so far as there was any prospect of unfairness happening in that particular instance, but, when you come to the question of secret processes, you are in an entirely different position. You have a great variety of articles which are being sold in the United Kingdom at the present time, the composition of which has been invented by some person

who has applied experience gained in the business to the nature of this particular composition, and the whole merit of it depends on his being able to keep secret the nature of his invention. Anybody can, by analysis, discover the particular ingredients, and he has no protection against their using them, but, in point of fact, one knows that although you can discover what the particular constituents of an article may be, you do not discover the particular way in which the thing is mixed, and that, he took it, is the thing which those proprietors desire to keep concealed from the general run of the public, in order that they may profit by the inventiveness of their own brain and their own skill. That, he thought, is a perfectly fair case. You are not entitled, simply because an investigation is being made in profiteering, to discover that which a person for himself has succeeded by his industry in finding out, and ruin the property which he has thereby obtained."

After further discussion the clause was agreed to. An amendment of the clause was agreed to that the accountant must be duly approved by the Board of Trade, and that his report should be verified by statutory declaration. In Clause 2 (C. & D., May 1, p. 84) the words "rate of net profit" were replaced by "percentage rate of profit." Clause 8, which deals with "provisions against victimisation" (C. & D., May 1, p. 84), is intended, said Sir R. Horne, to protect the retailer against the wholesaler who refuses to supply him after the retailer has made a complaint against the wholesaler. It also applies to a person who has purchased from a retailer on the principle that "what is good for the wholesale goose is certainly good for the retail gander." An amendment to delete the clause was negatived.

Another amendment was the insertion of the words in the Bill that the principal Act "shall be deemed to have continued in force until the date of the passing of this Act and the principal Act as amended by this Act."

IN THE HOUSE OF LORDS.

The Bill was introduced in the House of Lords on May 18 by Viscount Peel, Under-Secretary of State for War, who emphasised the fact that the principal Act elapses on May 19. He urged that considerable difficulty might occur if the Bill was not promptly dealt with. The hurry with which the Bill was being pushed through was a point of criticism made by subsequent speakers, and also the unnecessary expense involved in a Bill which did little to bring down prices. Lord Ampthill moved that the debate be adjourned, but Viscount Peel pointed out how extraordinarily inconvenient and troublesome it would be if the Act elapsed, as anybody could charge what price he liked and the whole of the machinery would be temporarily suspended. Notwithstanding appeals from the Government, the motion was adjourned on a division.

The second reading was resumed on May 19 and agreed to. The Bill was afterwards read a third time. The following amendment of the new clause dealing with proprietary articles (see p. 75) was made:

Nothing in this Act or in the principal Act shall require particulars of any secret process or preparation, or of the ingredients used in such process or preparation to be disclosed, but the Board of Trade shall be entitled to require that the cost of production (exclusive of overhead charges) shall be furnished by the producer under the certificate verified by statutory declaration of a qualified accountant approved by the Board of Trade.

The Bill will probably receive the Royal Assent on May 20.

CHAIN DRUG STORES.—There are in the United States 315 individuals and corporations operating chains of three or more drug stores, the largest being that of the Louis K. Liggett Co., which has 211 stores.

An ITALIAN GOVERNMENT decree forbids the sale of seed oils produced in Italy or imported by the State at a price exceeding 800 lire per quintal, including casks. The fixed price of olive oils (600 lire) is to be taken as a minimum, which the authorities can modify in accordance with market conditions. The price of olive oils in the open market is somewhere about 1,300 lire per quintal, but business is difficult. Forecasts of the future crop are still good.

New Companies and Company News.

P.C. means Private Company and R.O. Registered

OCEAN CHEMICAL CO., LTD. (P.C.).—Capital 20 Objects : To carry on the business of chemical manufacturers, chemists, druggists, drysalters, oil and colour etc. R.O. : 61-62 Chancery Lane, London, W.C.

PLEXTER CHEMICAL CO., LTD. (P.C.).—Capital 20 Objects : To carry on the business of manufacturers of chemists, druggists, and drysalters, etc. Directors : Crawford & Thomson, 17 West Blackhall Street, E.C.

BOYD WILSON & CO., LTD. (P.C.).—Capital, 500 objects : To carry on the business of manufacturing druggists, drysalters, oil and colour men, etc. Directors are : D. Simpson, J. W. Simpson, J. Densley. R.O. : St. Dunstan's Buildings, St. Hill, London, E.C.

WILSON & KITCHIN, LTD. (P.C.).—Capital, 300 objects : To take over the business of wholesale chemists and druggists carried on at Whitehaven "Wilson & Kitchin." The first directors are : W. W. Ireland, Stockhow Hall, Frizington and Wright, 34 High Street, Bransty, Whitehaven, 27 King Street, Whitehaven.

GREGORY & WRENN, LTD. (P.C.).—Capital 1 Objects : To take over the businesses carried on at 1 Street and 22 Bridge Street, Taunton; 4 F. Wellington; and Bow Street, Langport, all in Somerset. "Gregory & Wrenn, Ltd." and to carry on the business of wholesale and retail druggists, chemists, drysalters, oil and colour men, etc.

CLEMENT & JOHNSON, LTD. (P.C.).—Capital 1 Objects : To take over the business of medicine and that of manufacturing chemists and proprietary antiseptic preparations carried on by Clement Johnson at 19 Sicilian Avenue and 49 Red Lion Street, C. first directors are : J. G. A. Clement, 122 Southampton Row, W.C.; P. A. Arnold, 60 Dumbreck Road, E.C.; C. W. Forward, 251 Upper Richmond Road, S.W. 15; W. J. Bartholomew, 27 Campbell Road, Croydon; and J. M. Clement, 122 Southampton Row, W.C. 1. R.O. : 19 Sicilian Avenue, London, W.C. 1.

ANGLO-SPANISH TARTAR REFINERIES, LTD.—Capital 150,000. Objects : To carry on in Spain and elsewhere the business of manufacturing chemists, drysalters, oil and colour men, manufacturers of proprietary articles, electrical, chemical, photographic, surgical, and scientific apparatus, etc., and to make agreement with Sociedad Anonima Monegal, of Barcelona. The first directors are : F. B. Dehn, 22 Cheyne Walk, Surbiton; E. J. Aldrick, Horncliffe, Die's Bank, Blackburn; Sir Charles Davidson, Elm View, Croydon; J. Fuerst, 1 Fitzjohn's Avenue, Hampstead, London; Paseo de Gracia 32, Barcelona; and T. Monegal, 11 Paseo de Gracia, Barcelona, R.O., 53 Doughty Street, London, W.C.

BRITISH DYESTUFFS CORPORATION.—The report of British Dyestuffs Corporation for the year ended October 31, 1919, states that the revenue available distribution amounted to 172,504. The directors recommend a dividend on the preferred ordinary shares at a rate of 8 per cent. per annum, less tax, calculated from the due date of each instalment, leaving a balance forward of 58,826. An issue of 1,000 preference and preferred ordinary shares was made in July 1919, and, although no advantages from any construction for which the proceeds of this issue will be available have been obtained during the year under review, the money will enable the associated companies to carry out important extensions and developments in their works which will substantially increase the volume and range of dyestuffs in future years.

Births.

as.—At the Crescent Nursing Home, Belfast, on the wife of R. L. Chambers, M.P.S.I., the pharmacy, Lisburn, of a daughter.

—At 29 Harriet Street, Pollokshields, Glasgow 19, the wife of Alexander Murray, chemist, of a daughter.

—At 56 Castleton Gardens, Belfast, on May 7, of W. H. Ringland, R.D. (representative of & Co., Ltd., wholesale chemists, Liverpool), of

Marriage.

—HARPER.—At the Cathedral, Bombay, on Edgar William Rogers, temporary Major G., 2nd Division, Rawal Pindi, Duke of Wellington, youngest son of Mr. Frank A. Rogers, and Cambridge Mansions, London, N.W., and Street, W., to Marjorie Violet Mary, youngest of Mr. John Harper, Calcutta, and Kew, Surrey.

Deaths.

—At 45 Avenue Road, London, N.W. 8, on Mr. Donald Baylis, aged thirty-seven. Beginning on the clerical staff of Thomas Beecham, St. Mr. Baylis eventually found his way to the stage, and became business manager for Sir Beecham. During the war he held a commission Royal Air Force.

ENBURY.—As briefly announced in our last issue Mr. R. H. Brackenbury, Ph.C., died in London 9 at the early age of fifty-three. Mr. Brackenbury son of a pharmacist and was one of three all of whom qualified in pharmacy. Twenty years ago he joined the staff of Kodak, Ltd., and became one of the company's buyers.

IN.—At Upwell, recently, Mr. William Gouldin, and druggist, aged ninety. Mr. Gouldin was at Upwell to the late Mr. Burgess, whose he took over in 1855 and conducted very successfully 1908, when he sold it to Mr. Ernest Loughlin, and druggist. Mr. Gouldin had a fine garden, or its uncommon plants. The only surviving member of his family is his sister.

ON.—At "Marthness," Whalley Road, Accrington, 14, Mr. James Kenyon, chemist and druggist, aged three. Mr. Kenyon commenced business in 1847, and in 1854 removed to premises at the of Oak Street and Bank Street, where he remained his retirement in 1887. There was not a very extensive and pharmaceutical service in Accrington years ago, and Mr. Kenyon, who practised dentistry as well as pharmacy, was often referred to as "the man's doctor." He was a member of Accrington Council from 1878 to 1901, and was chairman of the Amways company; he was also a founder and chairman of Entwistle & Kenyon, Ltd., domestic machinists, Works. He is survived by two sons and five

—At Hendon, London, N.W. 4, on May 16, Mr. Peter Pond, chemist and druggist (George P. Pond Ltd., chemists, 68 Fleet Street, E.C. 4). Mr. Pond in business as a chemist and chiropodist for of sixty years, having acquired his pharmacy in The business was established about a hundred years and Mr. Pond incorporated with it that of Lloyd & Fleet Street. He had some excellent proprietaries, a tonic saline, and had for some years been on council of the Proprietary Articles Trade Association. A prominent part, twenty years ago, in the proceedings of the London Chemists' Association.

SCAMPTON.—At his residence, Holdenhurst Road, Bournemouth, on May 17, Mr. James Harris Scampton, chemist and druggist, aged forty-nine. Mr. Scampton was a native of Coventry. He was apprenticed at Birmingham, and went to Bournemouth thirty years ago as an assistant to Mr. E. Worth. In the early 'nineties he joined the staff of Allen and Hanburys, Ltd., and a year or two later, having meanwhile qualified, returned to Bournemouth and took over Mr. Worth's business in Holdenhurst Road. He was a past President (and was for some years secretary) of the Bournemouth Pharmaceutical Association. He was also a member of the board of management of the Royal Victoria and West Hants Hospital, and was manager of the Dean Park Sports Company. Of a kindly and unassuming disposition, Mr. Scampton was popular among a very wide circle of friends. He had a serious illness three years ago, and quite recently sustained the loss of his wife. He leaves a son.

SCHWARZ.—On May 5, Mr. L. Schwarz, president of Polak & Schwarz, Ltd., essence manufacturers, Zaandam, Holland. Mr. Schwarz established his company in 1889, and continued to direct the management of its affairs till the time of his death. He was a well-known figure in commercial circles in Holland.

TAYLOR.—At Tytherton Road, London, N.19, on May 11, suddenly, Mr. William Gee Taylor, chemist and druggist, aged seventy-four. Mr. Taylor was in business at Bridge Street, Hungerford, for nearly fifty years, and in 1905-6 was "constable and coroner" of the town.

TOD.—At 2 Bath Street, Portobello, on May 11, suddenly, Mr. James Arnold Tod, chemist and druggist, 152 High Street. Mr. Tod qualified in 1894. He leaves a widow.

Personalities.

MR. T. J. FARROW, King's Lynn, has been appointed vicar's warden of St. John's Church.

MR. W. J. UGLOW WOOLCOCK, M.P. for Central Hackney, has informed the Hackney Liberal Association that he will not contest the division at the next election, as his own business affairs demand attention.

MR. F. J. SANSON, Ph.C. (Sansom Brothers, chemists), Duke Street, Barrow-in-Furness, has been appointed a justice of the peace for the borough. Mr. Sansom is chairman of the Barrow Food Control Committee, vice-chairman of the local Insurance Committee, and an ex-President of the Barrow chamber of trade.

MR. EDWARD DANIEL, the well-known representative of The British Drug Houses, Ltd., is about to retire. He has represented Barron, Harveys & Co., Ltd., and The British Drug Houses for over forty-three years. Mr. Alexander Turnbull has joined the staff of The British Drug Houses as a traveller. Mr. Turnbull was registered as a chemist in 1905, and will cover the ground which Mr. Daniel took. Mr. Daniel qualified in 1868.

MR. V. M. NAWLE, of Bombay, is now in this country as a member of the deputation of Indians who are endeavouring to bring about the Indian Reform Scheme, of which Lord Sinha is the leader. Mr. Nawle is in business in Bombay and elsewhere as a consulting manager, business adviser, and expert in the drug, chemical, and proprietary-medicine business. He is prepared to discuss Anglo-Indian trade with British houses, and can give particular advice in regard to American and Japanese competition in India and how to meet it effectively. He has had twenty years' experience in the trade. Mr. Nawle's address is c/o the Y.M.C.A., Keppel Street, Russell Square, London, W.C. 1, till further notice.



MR. V. M. NAWLE

Trade Notes.

YOBAR HEALTH SALTS.—This topical preparation is made by Young & Barracough, Ltd., Leeds, who invite applications for terms.

PAPROD TOILET ROLLS.—Paper Products, Ltd., 62 High Street, Worcester, offer to send a sample roll of "Papro" toilet paper for 1s. 2d., post free.

ZITA DUSTING POWDER is a speciality of the Anglo-American Pharmaceutical Co., Ltd., Galen Works, 59 Dingwall Road, East Croydon, who invite chemists to apply for terms.

TELEPHONE CHANGE.—Rubeck, Thew & Co., 2 Flodden Road, Camberwell New Road, S.E. 5, announce that their telephone number has been altered from Hop 1581 to Brixton 2993 and 2994.

POTTER & MOORE'S LAVENDER WATER.—The prices of this perfume have been increased according to a scale given in the advertisement in this issue of W. J. Bush & Co., Ltd., Ash Grove, Hackney, London, E. 8.

"C. CURE" is the name of a remedy for sea sickness advertised by "C. Cure," Ltd., 111-113 Great Portland Street, London, W. 1. "C. Cure" is packed in aluminium boxes which retail at 4s. and 8s. per box.

CURASOL BORACIC SOCKS.—The Curasol Sock Co., 19-20 Garlick Hill, London, E.C. 4, offer to send a sample pair of curasol socks with showcard to chemists who apply. These socks for placing inside the boots have a large sale in warm weather owing to the cooling and purifying effect they exert on the feet.

AUTOPHONE.—Siemens Brothers & Co., Ltd., Palace Place Mansions, Kensington Court, London, W. 8, send us a pamphlet entitled "Autophone No. 2," which describes fully the working of the Siemens' automatic telephone system, which is suitable for installation in pharmaceutical and chemical works.

MILTON PRICES.—The Milton Manufacturing Co., Ltd., 125 Bunhill Row, London, E.C. 1, announce in this issue new retail prices for Milton. These are now 2s. and 3s. 6d. In raising the retail price allowance has been made for a larger profit to the chemist and a handsome bonus is made for window displays.

BROOM, REID & HARRIS, manufacturing chemists, 2 and 3 Queen Street, Exeter, who are among the trade exhibitors at this year's Devon County Agricultural Show, are making a feature of their "Junketta" in bottle, powder, and tablet form, prepared in their factory. They are also showing the "Excelsior" waterglass (egg-preserved) and a special ginger-wine essence.

P.A.T.A. CONVERTS.—The Foster-McClellan Co., manufacturing chemists, 8 Wells Street, Oxford Street, London, W.1, have added Doan's backache kidney pills, Doan's ointment, and Doan's dinner pills to the list of proprietary articles protected under the scheme of the Proprietary Articles Trade Association. The retail prices and trade terms are given in an advertisement in this number.

P. D. & Co.'S NOVELTIES.—Parke, Davis & Co., manufacturing chemists, Beak Street, Regent Street, London, W. 1, have introduced two new preparations, Tonolene and Fector. The first is an antiseptic hair-dressing issued in sprinkler-topped bottles and retailing at 2s. 6d., while Fector is a chlorine disinfectant for household and general use. The latter is put up in two sizes, 1s. 3d. and 2s. 3d. The prices are protected under the scheme of the Proprietary Articles Trade Association.

GLAXO SALESMANSHIP.—The proprietors of Glaxo, 155-7 Great Portland Street, London, W. 1, make an offer of prizes amounting to 140*l.* to assistants who send in the best answers to questions about Glaxo and salesmanship. The idea underlying the scheme is to ensure that those who sell Glaxo are acquainted with the selling points of Glaxo. It is intended to supply competitors with literature which gives the information needed for satisfactory answers to the questions, and no entrance fees are required. The Glaxo advertisement in this issue contains a coupon which assistants should fill up according to directions.

Apart from the chances of prizes the competitive and educational side, which cannot fail to improve the assistants' services.

CUTEX PREPARATIONS.—We have had an opportunity this week of inspecting the packages of the Cutex cure preparations for which Henry C. Quelch & Co., 4 and 5 Ludgate Square, London, E.C. 4, are the sole agents for the United Kingdom. A good deal of Cutex advertising is appearing in high-class journals and is bringing demands for the preparations to chemists. It is also provoking barefaced imitations of the distinctive packages in which Cutex is supplied. The illustration shows the style of the genuine Cutex "Compact" set, the black wrapping with pink labels or lettering being characteristic. Our readers should note. The "Compact" set is 4s., but the different articles are sold separately at prices being protected under the scheme of the Proprietary Articles Trade Association. Full details of the prices have been given in Messrs. Quelch's movements in recent issues of THE CHEMIST AND DRUGGIST.



Business Changes.

BOOTS, LTD., are opening a branch at Dalton-in-Furness. Mr. V. C. L. FOSTER, chemist and druggist, has recently opened a business at 106 Duke Street, Barrow-in-Furness.

Mr. A. G. FENTIMAN, dental mechanician, is moving on May 22, from 190 Bishopsgate Street, London, E.C. 2 to 22 Duke Street, Brushfield Street, E. 1.

WILLIAMSON & SON, chemists, 9 High Row, Ilkley, have disposed of their drug and dispensing departments to Mr. J. Johnstone, 39 Bondgate, and have re-qualified business.

The partnership of Mr. John Royle and Mr. R. Healey (Royle & Co.), 21 The Mall, West Kensingtton, has been dissolved. Mr. John Royle is no longer connected with the firm.

MR. VICTOR WOOD, chemist and druggist, has discontinued the business at 30 Highbury Park, London, N.5, which was carried on by Mr. E. A. Atkins, Ph.C., 71 Lansdowne Road, Wandsworth, S.W. 18.

MR. W. EDES EVERETT, chemist and druggist, at St. Botolph's Street, Colchester, has taken into partnership Mr. J. McBryde, chemist and druggist, who has been manager of the business for the past nine years. The new title will be Edes Everett & McBryde.

Information Department.

INFORMATION WANTED.

B/135. Ford's balsam of horehound	AH/175. Pfanspield's chemical
E/145. "El Cambio" perfumed vegetable oil	BB/175. Tourmalene
E/145. Elixir de Laiz de Carlos	AH/185. "Emulsified Coco
Jador's perfumes	Nut Oil
AC/175. Check tills, repairers	AH/185. Elixir Thyrine
M/175. Firmance	MH/145. Aspinall's "Ne
MR/185. O.T.C. Champion suspensory bandage	line"

INFORMATION SUPPLIED.

"Bryoline" indigestion remedy, S/234	Jontee toilet preparation
"Caloris" vacuum flask, M/105	M/43
Castor-oil chocolates, E/234	Martin's essence of
Essential compounds, D/194	H/35
Frazer's sulphur tablets, M/45	Neuronal, W/53
Gardner's syrup-acid hydriodic, H/204	Newbro's herpicide,
	"Pyorrhoidie," W/71
	"Quit," E/53

Servations and Reflections.

By Krayser II.

Annual Report

of the Society is, if the paragraph relating to law published by you last week may be taken as a specimen, an unusually amusing document. One now whether to admire more the ironical humour of the statement that "the intense interest taken in this controversy gave striking evidence of the latent power possessed by pharmacists for defending their interests against attacks from outside" (nothing about betrayal from within, but what the controversy actually showed was our powerlessness to defend either from this or from external attack), or the "trust" that the regrettable incidents of the past, and as such are better forgotten by those who provoked them, the dominant Council, which will, I hope, remember them to avoid a similar offence of a similar kind; but at the members of the dominant party were the, this expression of their trust reads very much an indirect plea for forgiveness, and forgiveness is still upon confession and amendment. It rests, with the Council to furnish adequate grounds for aust.

ction will be over when these notes appear, but its ill not, and the men whom it brought into the will still be interesting figures. The psychology of them which you reprinted from "The is, however, too obscure, not to say self-contradictory to be of much value as a guide to their character Body (for example) we are told that he is "of a decided type, useful to give weight and count but one who can be put off his game by outside s." Instead of "balance" this indicates an equilibrium, and neither weight nor counsel can be useful if it is as likely to be on the wrong side right. Mr. Davis, again, is described as of the "active" — i.e., forceful — order, but without confidence in himself, which is, to say the least, unusual in forceful and the same comment may be made on the description of Mr. Fouracre as "of the small, active, pugnacious, not nearly confident enough in his own ability." I remember to have met with a man like that. Our "logist" is a little more consistent in his delineation of candidates of the "deliberative type."

Wolff's Pronouncement

in "Square Topics" is lamentable in every point of view; it is as weak in argument as it is in judgment, and it reveals in Mr. Wolff a exaggerated sense of his own importance which, though common enough in men of strong personality, is a snare, especially to those who aspire to lead. We have hitherto looked to Mr. Wolff for leadership and it is disappointing to find him choosing the "furrow" of the superior person. He could hardly do anything more damaging to his influence. The on to the by-law was, he says, to him a matter of principle. It was equally so to all of us, and it remains still. We opposed the return of the impenitent, as Mr. Wolff implies, out of "bitterness" (in respect again he assumes the superior attitude), because the danger of still more disastrous dilution Register remains. Mr. Wolff himself sees this, speaks of the by-law controversy as over and done. So far is this from being so that the Incorporated is already knocking at the door: this is the chief of the "dangerous position" confronting us; it is an extension of the evil we fought against and Council accepted last year, but we are, forsooth, to our new Councillors without respect to their action in case or their present opinion of it. Mr. Wolff has constituted mentally if he thinks that the who betrayed us before, however "brainy," are to

be trusted effectively to resist the new development of the danger so largely due to their past conduct of affairs.

The Drug Workers' Strike,

whatever reason there may be for dissatisfaction with the judgment of the Industrial Court, is clearly indefensible, and can only injure the cause of the workers. Their trade unions are aware of this, and it is to be hoped that their disapproval of the strike may bring it to a speedy end. Even a successful strike is, in a case of this kind, a blow to the only feasible means of averting labour troubles, for arbitration ceases to be of value if its decisions are disregarded. That the workers are sure to be in the long run the chief sufferers is plain to every sensible onlooker; they are hit by loss of employment, by an increase in the cost of living, by the injury done to trade, and by the substitution of other labour for their own; only a narrow outlook can account for their own failure to see this. The business houses that are being temporarily inconvenienced will have the sympathy of the whole trade.

Lettuce,

it is reported, has been proved in Canada to be an absolute preventive of small-pox, and in Worcestershire cider is found to stay cholera and cure (or prevent) rheumatism. It is a pity further particulars are not given. Must lettuce be eaten habitually at all seasons, and, if so, in what quantities? Does cider act when "taken convivially" only, or also when absorbed "through the pores," as by Dickens's Joey Ladle port wine was? The garlic hung in Italians' houses is said to have kept the plague from the neighbourhood of Garlick Hill; I hope cider acts in the same way, for it does not suit me. Perhaps, however, these notions have no better foundation in fact than such old saws as "Eat sage in May and live for aye," or the Scottish

If they wad drink nettles in March,
And eat muggins [mugwort] in May,
Sae mony braw maidens
Wad not go to clay.

They seem to me to savour too strongly of the credulity which credited nearly every herb under the sun with such curative powers that one wonders how anybody ever died of any disease but old age.

Dr. Butler's Ale

is the subject of an interesting note in a recent number of "Notes and Queries." Dr. Butler, born 1535, is described as an eminent but eccentric physician. He was educated at Clare Hall, Cambridge, of which he became a Fellow, and in his old age was one of the physicians of James I., but is remembered chiefly by this "diet drink." The formula given for it in the note referred to does not, however, appear to be the one intended. It is styled "Dr. Butler's Purging Ale," and consists of polypody of the oak and senna, of each 4 ounces; of sarsaparilla, 2 ounces; aniseeds and caraway-seeds, of each an ounce; of scurvygrass, half a bushel; of agrimony and maidenhair, of each a handful; in three gallons of ale. The *Cerevisia Butleri* of our old Dispensaries is a very different preparation. Its formula is thus given by Quincy:

Take Betony, Sage, Agrimony, Garden Scurvy-grass, Roman Wormwood, ana. 3*iii*, Roots of Elicampagne, of Horse-Radish, ana. 3*iv*. Mix and put them into a Bagg, and hang it in Cong. *iv*. of new Ale while it works.

This seems a much likelier preparation for habitual use in the quantities prescribed. Quincy says of it, "This has so prodigiously obtained amongst the common People that it is made and sold by most Publick Houses in Town." "Dr. Butler's Head" was the sign of the houses at which it was sold, and a restaurant in an alley out of Coleman Street and a licensed house in Telegraph Street, Moorgate Street, are said to have still borne it in 1893. There are thirty-five *Cerevisia* in Quincy, some of them strong purgatives, but none answering exactly to the form given in "Notes and Queries."

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of

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Editorial Articles

The Council Year.

THE annual meeting of the Pharmaceutical Society is a testing time of the condition of pharmacy and is extremely interesting to those who have the interests of pharmacy at heart. In spite of the super-sensitive criticism of some men who enter the public arena of pharmacy, it conduces to the wholesomeness of the profession that a healthy criticism should be maintained. The peculiarity of pharmacists occupying prominent positions has been one of definite expression that has dared to criticise were people out to destroy a profession backed up by officials who are either too much engrossed with other affairs or too small to take large steps in their responsibilities, who think, for example, that the *Chemist and Druggist* is an independent factor in pharmacy, therefore it must be regarded as an enemy of the Pharmaceutical Society. This journal has never been an enemy of the Society, but has exposed and will continue to expose lapses from principles which the leaders of the profession must of necessity be out to destroy the image and the self-complacency which have reduced the profession to a shadow of what it ought to be. All the indications of Government activities have been and are to regard even ignore the position of pharmacists in the medical activity which they, and they alone, should be recognised authority, as they are the experts. It is necessary to cite the Dangerous Drugs Bill, which, although it was mentioned in our pages, never seemed to be brought up by the Society, judging by the expression of the annual meeting. A point about this election is that the division of the secretarial interest is shown to be detrimental to pharmacy. One of the real factors which claimed attention at this election, and which we could not emphasise, was that the pharmaceutical interests were not being properly considered in the multifarious business with which the officials of pharmacy were occupied. It is only necessary to call attention to the annual meeting and point out the weakness of the speech, the lack of leading which showed the speakers failed to realise that pharmacy is in a chaotic condition due to the want of clear leading. It is all to the good that the result of the election, without being revolutionary, should cry a halt to the neglect of the main interests

It is not "trade matters," as is so glibly talked of, but the position of pharmacy in the development of government. This to us is the "acid test." Shall pharmacists take the part of the service of restoring the health of a nation to a proper standard of true nationhood, or become a byword—a thing of scorn? The proved—we want to emphasise it—that pharmacists have none of the weakness of the past year, on the presidential side or the secretarial staff. A man in pharmacy at all, it is a man who looks forward from the point of view that pharmacy must such a position as to render it an essential in the welfare of the community. The strike in trade proves, if we needed any proof, that as an organised industry is in a critical state, true men with vision beyond the outlook which led up to the present time. The return of Keith at the head of the poll is proof sufficient to electors were anxious to endorse the action of in standing out against the unjust by-law. Of the "old gang" was more of an accident than else. The multiplicity of candidates was to disturb the equilibrium of the electorate, and ying that our effort to make pharmacists realise of the situation and vote accordingly has own that we were right; that our aims and which we have worked have triumphed. Though have liked a more severe lesson to have been the conceders of principle, we are quite content he electors have shown these some conceders sell principle is to sacrifice pharmacy." Mr. e real victim for sacrifice, which owing to his for chemist-opticians is regrettable; but one and on him fell the choice. Mr. Frank Hines, the strong independent attitude, "This is my you vote for me or leave me," an extremely attitude with any democracy, has risen from of three years ago to the fourth position. He reason to be proud of his achievement. The de on behalf of Mr. Melhuish by the personal of votes made him a certainty, and the return lloyd, of Birmingham, is a tribute to the Mid which has lacked representation since Mr. Gibson stood two years ago. The "acid test" has proved principles must not be tampered with. The of the By-Law Protest Committee is No. 1. exponent on the Council of principle, after electioneering methods, is returned No. 4. It triumph of right, the triumph of principle.

The Setback in Quicksilver.

Various conditions have developed in the quicksilver market during the past month, chiefly as the result of Italian competition in London. This may be ascribed to the fact that the Far Eastern market, which was to some extent satisfied by imports from Italy, has fallen off to quite small amounts. The financial troubles in Japan, which had bought quicksilver rather freely, chiefly on account, have apparently led to some pressure on lots from that quarter, and this has had some effect. At the same time there has been no change in the attitude of the leading importing which handles the bulk of the Spanish output under agreements in force with the Spanish Government,

their price being still nominally maintained at 25*l.* per bottle as declared on May 1, but quotations in the open market have since widened to an unusual extent, or by fully 4*l.* 10*s.* per bottle. In fact it is reported that there have been sellers lately of Italian second-hand lots down to as low as 21*l.* With the demand practically held up at the moment, and with dealers disinclined to make any bids, even at the lower figure mentioned, market quotations are now somewhat artificial. There is an impression that the leading importers will eventually meet outside competition by a sharp cut, as some more important consignments of Italian quicksilver have arrived here. An analysis of the official returns of imports and exports for last month and the first four months of the year reveals the fact that, while the April imports proved exceedingly small, the excess for the four months compared with the same period last year is only 2,773 bottles. In addition to this, it is noted that, in consequence of the large re-exports for the four months, amounting to 11,658 bottles, or more than double those of the corresponding months in 1919, our net imports for the last four months were only 3,365 bottles, compared with a much larger and more normal proportion in the same period in 1919 and 1913. These figures cannot be altogether ignored, but there is at present a slackness of demand, which, coupled with the much more pressing offers of the Italian product, dominates the market, and, considering that prices are still very high, it seems hardly possible to look for a revival of buying until prices are lowered further for the Spanish product.

	Imports.		
	1920	1919	1913
April	... ... 611	5,075	15,339 bottles.
Total (four months)	15,023	12,250	28,409 ,,,
<i>Re-exports.</i>			
	1920	1919	1913
April	... ... 1,421	992	2,244 bottles.
Total (four months)	11,658	5,452	12,174 ,,,

The particulars given below indicate the sharp upward fluctuations which took place between February 3 and March 22, while the changes in prices since show a distinct reactionary movement :

	<i>This year to date.</i>
Lowest range of prices	21 <i>l.</i> 10 <i>s.</i> to 21 <i>l.</i> 15 <i>s.</i> (Feb. 3)
Highest, " "	26 <i>l.</i> 10 <i>s.</i> to 27 <i>l.</i> 0 <i>s.</i> (Mar. 22)
April 12, 1920	25 <i>l.</i> 10 <i>s.</i> to 26 <i>l.</i> 0 <i>s.</i>
April 23, "	25 <i>l.</i> 0 <i>s.</i> to 26 <i>l.</i> 10 <i>s.</i>
May 3, "	24 <i>l.</i> 0 <i>s.</i> to 25 <i>l.</i> 0 <i>s.</i>
" 10, "	21 <i>l.</i> 10 <i>s.</i> to 25 <i>l.</i> 0 <i>s.</i>
" 17, "	22 <i>l.</i> 0 <i>s.</i> to 25 <i>l.</i> 0 <i>s.</i>

Although immediate prospects so far as this market is concerned would suggest further weakness, counteracting influences are apt to make themselves felt. For one thing, the resources available in this country are presumably not very large, while the tendency in the United States has again been firmer, due to the restricted supplies confronting the market there, and, just as we close for press our New York cable announces an advance of \$10 per bottle. There is thus just a possibility that America may seize the opportunity of drawing good quantities from Italy, as happened in the previous two years. As we already indicated in our issue of April 17, the American production for last year amounted to only 21,348 flasks, or 11,311 flasks less than in the previous year. Consumption in the United States is known to be fully maintained, and cannot therefore be entirely met, except by additional supplies from abroad. Occasionally small shipments are made to America from Mexico. No shipments of quicksilver have been made to America from

Italy so far this year, and there appears to be none afloat. American users are said to be poorly supplied, and this would explain the firmer market there. The question as to the establishment of a close control of the handling of the output of the chief European producing countries has apparently been discussed by the Italian Government, who appear to be strongly in favour of putting a scheme through in order to create a monopoly of their own industry. They would seem inclined to go a step further (if any importance can be attached to what has been written lately in the Italian Press) and endeavour, with the assistance of certain banking groups, to bring about some working arrangement among the chief world's producers.

Italian Essential Oils.

IN several recent issues of the *C. & D.* we have dealt with the position and prices of French and Spanish essential oils, and what we then said in regard to prices may be taken also to apply largely to the Sicilian oils of lemon, bergamot, and orange, the tendency of which, during the past month or so, especially of the two former, has been downwards, and buyers appear to anticipate a further decline. We have excellent authority for stating that, even with the possibility of a good lemon fruit crop next season—and it is, of course, too early to give a forecast—it is unlikely that prices will recede much below the lowest figure now quoted at primary sources. It is common knowledge that labour is a much higher charge on production than formerly; then there are higher rates for freight, and the Italian tax on capital is an important item. If the exchange rate improves in favour of Italy it is predicted that higher prices will certainly follow, for the increased cost must be met and stocks are in the hands of strong holders who can wait on their price. It is a significant fact that contracts for the new crops of lemons have recently been placed at high prices. With regard to the other products, holders of bergamot have naturally been comparing pre-war and present prices with those of orange and noting the disparity. This appears to be entirely a question of supply and demand. Stocks of bergamot are at present fairly good, while on the other hand sweet orange oil is practically non-existent owing to the phenomenal demand. Extremely high prices have been mentioned recently at the source, although competition by the West Indian product on the British and the United States markets has had a steady effect in both countries, and it is to be hoped that advantage will be taken of the high prices to stimulate output. What the future production of Sicilian orange oil may be is difficult to anticipate, as growers are said to be obtaining satisfactory results from orange cultivation for the fruit only without going to the trouble of extracting the oil. The line of demarcation where it becomes more profitable to extract the oil or sell the fruit is, of course, dependent on the economic factors just mentioned. Small lots of oils at the source may still be picked up with comparative ease, but any large orders placed have the effect of increasing holders' ideas of value. However desirable lower prices may be, it is difficult to see them materialise under present conditions, which are likely to prevail for an indefinite period. It must also be remembered that the fruit industry in Sicily is now much better organised than in pre-war times, when peasants were financially worse off and had to sacrifice their produce more or less at the behest of the middleman.

Rebate on Spirits.

WITH the recent increase in the duty on spirits the question of the circumstances under which rebate can be claimed has naturally become increasing importance. Chemists, on the one hand, are entitled to claim the rebate whenever they are entitled to it, and, on the other hand, the spirit-duty revenue must be closely guarded by the authorities responsible for its collection. Under the Finance Acts of 1911 and 1912, followed up now by the present Finance Bill, the commissioners of Customs and Excise are authorised to grant the rebate provided that the spirits in respect of which the claim is made are proved to them to have been used solely for medicinal purposes. The Acts give the same time to the Commissioners to prescribe the manner in which they shall require as to how the spirits were used, and the point of difficulty which may arise with respect to what is to be considered a "use" of spirits is that this means ultimate use. Thus a medicinal spirit, as, for instance, squills or quillaia, may contain a proportion of alcohol, and might be capable of being used as a base for making a perfume. The question may arise: Can the tincture be put to such a use as spirits employed in making it have had rebate of the duty charged on them? The answer is that the present state of the law and regulation is negative. They cannot be so used. Perfumes are not recognised by the Commissioners as being entitled to the rebate, and care ought to be exercised that claims are only made in cases in which they are justified under the regulations. Any person who, in the purpose of claiming the rebate, or in connection with the application for such rebate, makes any false statement or false representation is liable to a penalty of £50 for each offence.

The Life-average of Retail Pharmacists

WE have been asked, from time to time, at what average length of life of the pharmacist in business has been suggested that the responsible nature of a pharmacist's work, coupled with the harassing multitude of small details comprised in it, tends to shorten life a short and not unduly merry one. This table, which covers a period of six months from January 1913, when the war was, for most of us, a remote possibility, does not tend to confirm this suggestion. Of 106 retail pharmacists in Great Britain whose names have been gathered from the records of deaths in THE CHEMIST AND DRUGGIST during that period, the average age of death was 53.22 years, which compares favourably with the accepted average for all occupations. The table, as it is, yields some interesting facts—the most remarkable, perhaps, being that 21, or nearly 20 per cent. of these pharmacists remained in business after the average age of seventy-one. It will also be seen that less than 34 per cent. died below the age of sixty-one.

Age	In Business	Retired	Total	per cent.
21-30 ...	1	0	1	0.94
31-40 ...	7	0	7	6.6
41-50 ...	9	2	11	10.38
51-60 ...	12	5	17	16.04
61-70 ...	16	7	23	21.7
71-80 ...	15	15	30	28.3
81- ...	6	11	17	16.04
	66	40	106	100.0

THE HALF-YEARLY REPORT of the Bradford Co-operative Society states that during the half-year a new department has been opened in Folkestone Street, and other extensions are in contemplation. The sales of the department amounted to £2,999*l.*, leaving a surplus of £1s. 5*d.* in the £. The purchases from co-operative firms in the drug department amounted to 7*½* per cent.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN.

SEVENTY-NINTH ANNUAL MEETING.

London, May 19.

y, outward and visible signs of a keenly con-
tion were observable at the annual meeting of
eutical Society, held at 17 Bloomsbury Square
May 19. The President (Mr. W. L. Currie)
air, and with him at the table were the Vice-
Mr. P. F. Rowsell), the secretary (Sir William
(), the Society's solicitor (Mr. W. H. Quarrell),
ident secretary for Scotland (Mr. J. Rutherford
close proximity were the assistant-secretaries
J. Chater and G. A. Mallinson), the editor
"Pharmaceutical Journal" (Mr. J. P. Gilmour),
lowing members of the Council : Miss Buchanan,
Bilson (treasurer), Mr. A. S. Campkin, Mr. J.
Ir. J. W. Deakin, Mr. T. Guthrie, Mr. F. G.
A. H. Jenkin, Mr. J. Keall, Mr. A. R. Mel-
E. T. Neathercoat, Mr. L. M. Parry, Mr.
eant, Mr. H. Skinner, Mr. E. White, and Mr.
Among those in the audience—a somewhat larger
than that of last year—we noticed Mr. F.

Mr. R. Feaver Clarke, Mr. F. W. Crossley-
Ir. H. Finnemore, Mr. R. Fouracre, Mr. G. W.
iss Gilliatt, Mr. A. Higgs, Mr. A. R. Keith,
Knight, Mr. T. J. Mallett, Dr. W. H. Martin-
Langford Moore, Major E. Saville Peck, Mr.
ns, Mr. W. B. Trick, and Mr. F. B. Wride.
sible, but very unlikely, that some previous
had surpassed Mr. Currie in the matter of
is speech on this occasion occupied less than a
an hour. Within these limits it was natural
ould touch on the events of the year "off-hand-
gly." Having been fortunate enough to wit-
e in which two barristers opposed each other
nd afterwards lunched together, he was able to
ertain actuality to the familiar incident, and
o draw an unexceptionable moral. The dis-
cussion followed the moving and seconding of the
ort was interesting—in places. Mr. Tims had
ntent things to say about the Profiteering Act,
he referred to a recent boric-acid case, and
whether a well-known member of the Council
a certain Profiteering Committee's price in his
pharmacy, the laughter was spontaneous and
Mr. Higgs made the practical suggestion that
ld be one annual subscription for membership
er for the Society's "Journal"; and he, too,
r information as to the Council's attitude to the
g Act. Pharmacists from public institutions,
ons of Miss Gilliatt, Mr. Fouracre, and Mr. G.
i, distinguished themselves by pointed interro-
cerning the Dangerous Drugs Bill, the Major-
n, and other subjects; and an Insurance dis-
iavance from Middlesex appeared to afford some
ent. When the motion for adjournment was
Ir. F. B. Wride moved a vote of thanks to the
and Council for past services, and set forth the
ns of the ideal (and, let us hope, successful)
for election.

THE PRESIDENT'S ADDRESS.

etary having read the notice convening the

RESIDENT, who was received with applause,
ies and Gentlemen,—You have all read, I hope,
al report which has been printed in "The
tical Journal." May I propose that it be
read? ("Aye!") Well, I now propose the
annual report and financial statement, as pub-
received and adopted." I do not propose to
tim the items which are mentioned in this re-
i have it before you, and you can see from
ere stated the considerable, might I almost say
ous, amount of work which the Council have

done during the past year. It has been onerous, very
heavy, but I hope you will agree with me that it has
been well done. (Hear, hear.) So far as the financial
statement is concerned, you will notice, of course, that
the income has been considerably increased. The com-
parison with previous years I think I have here, and
the increase over last year is very considerable, so much
so that we have been able to add to the accumulated fund
a sum amounting to very nearly 4,000*l.* (Applause.) Well,
that is a very creditable thing. Of course it is
easily accounted for. It has been mainly due to the
increase in the number of candidates coming up for ex-
amination purposes, but it has also been due to the large
increase in the number of student-associates. On the
other hand, the expenditure has also gone up. It goes
without saying that in the very critical times through
which we have been passing—we all know it from our
own experience—increases of expenditure have been
going on all the time. Salaries have gone up, cost of
materials has gone up, and all the rest of it; but we have
been able to pilot through. More than that, as I have
said, we have been able to put nearly 4,000*l.* to the
accumulated fund. That, I think, is indeed a very
creditable thing for the Society to have done. (Hear,
hear.) Now, I only want to refer to one or two things.
The report being printed it is unnecessary for me to
enlarge upon these points.

WAR AUXILIARY BENEVOLENT FUND.

I only want to refer, therefore, first of all, to the War
Auxiliary Benevolent Fund. Now, that is a fund that
created a great deal of enthusiasm. When it was first
started it went up by leaps and bounds, and the Com-
mittee who are dealing with that fund are, I think, very
judiciously administering it. All the claims that are put
forward upon that account are very, very carefully con-
sidered, and if the cases are found by the Committee to be
good ones they are never turned down. We do some-
times get a very awkward case to deal with, and if we
have to turn it down we only do so after having taken
full time to consider it. But in dealing with other cases
we have no hesitation whatever. Say, for instance, that
a man puts in a claim for 150*l.* in order that he may get
married. We do not consider that for a moment.
(Laughter and Hear, hear.) In a case, however, where a
man who has been in business and has had to give up his
business to go to the war, comes back, and wants to start
again, puts in a claim for a certain sum, the claim is clear,
and we deal with it in a generous spirit. In such a case
we have granted a considerable sum of money to him, and
that is the object for which the money was subscribed
for the War Auxiliary Benevolent Fund.

EXEMPTIONS FROM THE PRELIMINARY EXAMINATION.

Now in regard to the exemptions from the Preliminary
examination, I know there has been a great deal of con-
troversy over the action of the Committee which is deal-
ing with that very important question. Might I say here
and now that no case has been allowed to be registered
without its having received the very best consideration
possible. We have always considered that where a man
who has served his country for two, three, or four years,
as the case may be, and where evidence has been given
of a good preliminary education previously and of his
studies, that that man should be exempted and regis-
tered where he has made the claim. (Hear, hear.) And
I do not think, so far as my memory serves me, that any
one has been registered otherwise. Now, I have heard
it stated that certain individuals have been allowed to
go through without having had any previous experience
at all, and all that sort of thing. You must not believe
all that you hear, nor all that you read. (Laughter.) A
great many of these things are got by mere hearsay, and

am here to say that the Committee who have dealt with these cases have judiciously and judicially settled them upon their merits, and while a number of them have been turned down, they have been turned down simply because the men could not possibly have been able to have carried out the functions later on. Now, we have gained a great many adherents by that particular thing, and I think we have done well in granting the concession to those men who gave up everything practically and put their lives at the disposal of the country in order that we might be safeguarded against anything worse happening.

THE BY-LAW CONTROVERSY.

I am not going to make any reference—only a passing one—to the very extraordinary circumstances that took place during this past year in reference to the much-disputed by-law. That is now buried. (Hear, hear.) And I am glad it is buried. (Applause.) I only want to say this, that we must never forget that in public life you are up against all kinds of things. A minority may look at a particular thing from a particular point of view, and I never forget this. I have two intimate friends who are King's Counsel, and it so happens that these men are very often ranged one against the other. I have heard these men in the courts blackballing and blackguarding each other up and down, and when addressing the jury I have heard one calling the other everything but a gentleman. The judge has given his decision, and immediately afterwards I have joined these two friends walking down the street arm in arm, and we have gone and had a jolly good lunch together. (Laughter.) Why cannot this be in public life? Why cannot it be the same all over? Why cannot it be, even although we had to hold opposite views to the majority? The majority ought to rule, and I think that seeing the majority has to rule that is the best evidence that it is the right thing to do. I am very glad indeed that those who opposed the members of the Council have buried the hatchet publicly, and that no more is going to be heard of this matter so far as I am aware. (Hear, hear.) I rejoice to think that so far as the Council is concerned we are the best of friends—all of us. (Applause.) It makes no difference to me personally. I have always kept on the best of terms, so far as I can do so, with all the members of the Council, and I hope that will continue till the end of my term of office. (Applause.)

THE INCREASING MEMBERSHIP.

Now, we are going to have a tremendous time before very long on the question of examinations. The staff has been put to an enormous amount of work in connection with the arrangement of these, and I hope that the arrangements which have been made will work out to the best advantage, and that the ultimate result will be that the Society will benefit very largely both in the membership and in funds from the increase which is likely to accrue from the forthcoming examinations. It is very gratifying to me, in presenting the annual report for a second time, to be able to tell you that the membership of the Society is larger than it ever has been. (Applause.) That is a very gratifying thing for myself, not that it is in any respect due to my efforts—not at all, for I do not think I had anything whatever to do with it—but the very fact that I have been President during the last year, and that such a large increase has taken place during my period of office, is extremely gratifying to me personally. I shall always have the recognition and the realisation that at all events that there was a great accession to the membership of the Society applicable during my tenure of office.

TRIBUTE TO OFFICIALS.

Now, there are so many things in connection with the Society on which members may desire to ask questions that I am not at this stage to occupy any more of your time. Any questions that may be put will be answered to the best of my ability and knowledge. I want to say this publicly, here and now, that I am extremely indebted to the officials here—to our secretary, to our two assistant-secretaries, and to the office staff, for the enormous help I have obtained from them during my term

of office. (Applause.) It has been enormous amount of work covered, and I cannot pay too high compliment to them for the enormous amount of work performed in the interests of the Society which they have done. (Applause.) You have a good set of officials, and they work honestly and well. (Applause.) to move the adoption of the annual report and of accounts.

The VICE-PRESIDENT: I have very much pleasure in formally seconding the motion. I do not desire to make at this point in view of the observations that were made during the morning.

DISCUSSION.

The PRESIDENT then intimated that the discussion was open for discussion, at the same time requesting the speaker to be good enough to give his or her name, as it is precious, and we have a big job ahead," he said.

Mr. BRIGHT (Willesden) remarked that he had attended meetings which he attended the contention that was made with regard to the questions discussed had been that of principle. The point he desired to affect himself so much as it did younger quires. They all knew what the Pharmacy Acts did not allow, and they were also perfectly aware what the National Insurance Act allowed in matters of dispensing by qualified pharmacists and in establishments by qualified assistants. Within a few of where his business was situated there were five branch shops in which dispensing under the Act was carried on, although under the Act their owners were entitled to do it. This sort of thing was still on. He had done so much work for pharmacy that he should like to have some definite statement made regard to the matter. (Applause.) They had been much about principle; about people asking the principle of pharmacy for the pharmacist to do what he was disposed to ask. "Let us have it is it to go on as it is going or is it not; is the good or is it not?" The question was a very important one.

Mr. TIMS (Cobham) said he desired, in the first place, to ask a question, reserving his right to join in the subsequent discussion. That meeting had been fixed for twelve o'clock, that hour having been altered from as in previous years. Was this to be regarded as a precedent or as a departure from the ordinary rule of exceptionality of circumstances?

Miss GILLIATT assured the President that she was about to ask was not prompted by any controversial spirit, but from the desire to obtain information which it was only possible to ask for at the annual meeting of the Society. The President had advised not to accept too much of what they heard, and the question she wished to ask had reference to what was mentioned in a note which she had read in THE CHEMIST AND DRUGGIST, which was usually well up to date and well informed on the matters it published. (Applause.) and shouts of "Oh! Oh!" by certain members read in the issue of May 1 that the Incorporated Society of Drug Store Proprietors had a Bill introduced into the House of Commons by which an endeavour would be made to get men who had apprenticeship or had other experience who were placed upon the Register without having to undergo necessary qualifying examination. The information asked for was this: When and if that real what would be the attitude of the Council of the Pharmaceutical Society with regard to the Bill.

Mr. TIMS (Cobham) stated that he had asked the President to answer a question and make on a point kindred in some respects to the one which was put by Miss Gilliatt. What attitude would the Council take in the event of chemists not legally present attempting to become registered as dealers without having to go through the legal and necessary examination?

Mr. FOURACRE (Westminster) asked if the question given due consideration to, and if so if they do anything with regard to the Dangerous Drugs

into the House. That measure, he pointed right behind the Pharmaceutical Society, for that the Regulations under it would have to be drawn by the Secretary of State, and there was no consultation with the Pharmaceutical Society or any other body being necessary to them.

W. GIBSON (St. Pancras) stated that in a very report of the Ministry of Health Committee the previous week the suggested scheme for qualifications for pharmacists was given (May 8, p. 55). He wished to refer especially

part of that scheme. There it was proposed that there should be three additional optional subjects added to the Major examination. Apparently, one could read, the whole object was to regulate in a statutory way the spirit of the Major. He gathered that that was the intention, but it was a very good one. But there were other things which he thought the Committee in the scheme might keep in mind. First of

all he recognised the value of the Major qualification. He did say that restricting these optional subjects at the present time neither Major nor

Minor nor the three optional subjects, up to the time that Regulation was passed, gave an equal right to take certificates in the

optional subjects. (Applause.) At the present

time the holder of the present Major

certificate could take the three optional subjects, and that

then the Committee said that there were ob-

ligations for one's getting a separate certificate. But they

should have the two certificates in any case,

and they would have the Major certificate held by

one who had passed in micro-biology with the other

which would be wiped out under the new

and they would have the Major certificate in the

Major. That was a question which concerned people

himself, were engaged in public institutions,

ought it would affect retail chemists, as well as

for hospitals. Then the report said that they

ought to take these three optional subjects if they held

the Major certificate, or if they took the other things and

to go on to the Major, and that a compulsory

course in a college would be required for the examination.

That was all very well in its way, but with

those who might have served for twenty years

in a college, he did not think it right to ex-

pect them to go back to college on a compulsory course

in subjects, which were not, in their student days,

in the curriculum for pharmacists. He thought

it was apparent to most of them that these points

were considered. (Applause.) In his opinion, it

was arbitrary to expect people who were now earn-

ing a living as pharmacists to go back to a college

Already they had their specialists, and they had

specialists doing work in connection with the sub-

jects, which were not, in their student days,

in the curriculum for pharmacists. He thought

it was better if the Society left the

in abeyance and exclusively devoted its attention

to the professional side of things. (Hear, hear.) But

a decision under the Profiteering Act had been

given by the Central London Profiteering Appeal Committee which had a very great effect upon their trade, and he thought that if the Society could act as a trade union representing the masters they could take up the matter on the appeal. It was a case connected with the sale of boracic acid, in which Mr. Keith was the only witness, where the pharmacist sold a quarter of a pound for seven pence, and was ordered to refund, as he should not have charged more than 5½d. He did not know whether there was any pharmacist in the room who sold at the lower price—perhaps his friend Mr. Melhuish might know. (Laughter and a Voice: "We sell to get a living.") If the Council desired that the Society should act as a trade union, was not that a case which lay at their door which called for their attention? In another case, at Beckenham, an individual charged with selling boracic acid at 2½d. an ounce got off. Having regard to the fact that the Council may consider it desirable to act for us in trade-union matters, might they not devote a little attention to other matters immediately before them? (Laughter and applause.)

Mr. R. FEASTER CLARKE remarked that he had attended many similar meetings since 1870, but at none had he heard such a splendid report and balance sheet submitted as had been issued to them on that occasion. In a certain sense the Society was like a corporation or limited liability company, and as shareholders in it none of the members could grumble at the position in which they stood. In expressing his appreciation of the work the Council had done he could only say how much he wished that there was more confidence exhibited in the Press and among the members in the Council as it then existed. He was very much amused in reading quietly at home on Sunday an article on the controversies that raged in 1870. Mr. Feaster Clarke concluded by expressing the pride he felt personally in his connection with the Pharmaceutical Society.

At this point of the proceedings there were calls for Mr. Knight.

Mr. KNIGHT (London) said that the only question he desired to put was: Considering the very abnormal increase in the duty and the price of spirits of wine, has the Society taken full cognisance of the need there is for getting a certain reduction in the price in the form of rebate of duty so that the price of medicines in which it is used should not be on a continuously rising scale? He added that the matter was a very serious matter for chemists and for the public in particular.

Miss ANDREWS (London), commenting on Mr. Gibson's observations relative to the new optional subjects for the Major and Minor certificates, expressed the opinion that many hospital pharmacists, unless they had the Major certificate, would be penalised under the proposed new regulations. She wished to support all that Mr. Gibson had said on the matter, although she herself was the holder of the Major certificate. (Applause.)

Mr. HIGGS (Kingston), referring to the portion of the annual report which stated that the Council are considering the alteration of the by-laws in the matter of the annual subscription of members of the Society, suggested that there should be two forms of annual subscription—one for membership and another for those who wanted the "Journal." His reason for making this proposal, he said, was that in many houses there were three or four members of the same family who, as members of the Society, each received a copy of the "Journal." (Hear, hear.) Now, with the high cost of paper and printing, coupled with the high rate of postage, this seemed to him nothing but a waste of money. (Applause.) He went to many pharmacies where there were three or four members of the Society, and where he found the copies unopened. Those members, for example, did not each take the same morning paper. For that reason he thought there should be two forms of subscription, one for membership and the other for the "Journal." Last, but not least, reference had been made to the recent boracic-acid case under the Profiteering Act. His own opinion of the decision in that case was that it was quite an illegal one, and was opposed to the section of the Act

which provided that the rate of profit on the sale of any article should not exceed that obtained in pre-war days by persons in the same line of business. Of course it was very necessary that there should be evidence produced in support of this view. He did not know whether or not the people who undertook the defence brought up sufficient evidence. He had heard that only one witness was put forward, but on appeal if six, seven, eight, ten, or a dozen witnesses were required he had no doubt they would be easily forthcoming. But the defence had two more shots to which they could have recourse. There was no doubt that when the case came before the Stipendiary, who would read the Act before administering the law, as all good magistrates did—(laughter)—the decision would be reversed. Failing that, there was still another course, and that was an appeal to Quarter Sessions. He had no doubt there would be sufficient evidence. He was sure that everyone in that room would be prepared to go forward and say that at pre-war prices they made quite 70 per cent. profit on the sale of boracic acid. (A Voice: "More," and laughter.) He would like to ask the President, in view of the Profiteering Act Amendment Bill now before Parliament, what steps the Council had been taking in the interests of chemists. Of course in this connection he was alluding principally to dispensing. Of course to people who relied upon dispensing—happily for him he did not—it was really hard lines to know what to charge on any specific prescription. In his opinion something should be embodied in the Bill that would take dispensing, at any rate to a certain extent, out of the Act. It would affect very considerably the cream of pharmacy people—the leading lights of pharmacy, who depended for their daily bread on the dispensing of prescriptions. (Hear, hear.)

Mr. TIMS mentioned that there is in connection with the ironmongery trade a price-list to which a slip is attached stating that so long as the prices mentioned in it are adhered to by the sellers the Board of Trade will not make any prosecutions or interfere in any way. He asked if a similar price-list could be issued in the interests of pharmacists. If so, their position could be made quite clear.

Mr. A. R. KEITH thought it was a little out of order to say so much about the boracic-acid case. He was not the only witness, for there were three other chemists who gave evidence on the occasion when the appeal was heard. In the opinion of the barrister for the defence and of those on the other side they had made out a very good case, and the appeal was dismissed against the weight of evidence. The case would come on at Bow Street next Wednesday, when they would try to get Mr. Higgs and a few others to give evidence.

These were all the questions addressed to the President up to this point of the proceedings.

The PRESIDENT: Well, gentlemen, there are one or two things I do want to reply to, but there are others which I am going to ask the secretary to deal with, as the points which they involve deal with strictly legal matters. In regard to what Mr. Tims has said in connection with the test case, I regard it as a very important matter, but I really do not think it ought to be discussed here and now, seeing that the question is in abeyance at the present time. But at the same time I do think it will settle the future policy of the Council for all time. I agree with what he said in that connection, but at the same time I want to say this: that in the past the Pharmaceutical Society has dealt with trade matters, and dealt with them very well indeed. (Applause.) Miss Gilliatt made reference to and inquired what action we are likely to take with reference to the Drug Store Proprietors Bill. Well, that is a question which I think Sir William had better deal with. (Miss Gilliatt: "Why not deal with it yourself too?") Mr. Fouracre dealt with the Dangerous Drugs Bill. Now that, of course, is a measure which was bound to come before the Council. It came before the Council this morning, and, as a matter of fact, I knew about this Bill some little time ago, and took steps in order to acquaint myself with all its details. I think Mr.

Fouracre is perfectly right when he says that it is to be subversive to all the principles of the Pharmacy Act, because it distinctly says that licences got to be granted. What does a qualified chemist with a licence? He is qualified in law to handle poisons. Why should he have to pay an annual sum for the purpose of dispensing them now? We have to watch this thing very carefully, and we will do so. The Council had the matter in hand at the meeting which we held this morning, and we passed a resolution:

That the Dangerous Drugs Bill be referred to a Committee for report, and that in the meantime be given to the President to take, in any emergency steps as he may consider necessary to protect the pharmacists in this connection.

I hope that will satisfy Mr. Fouracre, who will heartily support us in this connection to find out what is the ulterior motive that goes in relation to this particular Bill. I have asked Mr. Feaver Clarke for the very kind wishes expressed, and also for the good things he has done in his expressions, and I have to thank him for his work of the Council. He is always very to all intents and purposes his vote of confidence the Council as it exists at the present date work we have done during the year. So the question raised by Mr. Knight is concerned, relating to rectified spirits, I may say that it will be with the secretary, since he knows more about it than I do in this particular connection. Another question raised about the Major certificates and the proposed alteration in the regulations controlling the examinations for these. I have both speakers very heartily for the comments they made upon the proposal, and may I say to Mr. Gibson and to Miss Andrews that this matter is receiving the very careful consideration of the Council, a special committee has been appointed to deal with it, and that I am quite sure all that has been done to-day will be taken into serious consideration with result, I hope, in the end, that the alterations that will be adopted will be satisfactory to everybody concerned. Mr. Higgs dealt with the annual subscription, if you remember, last year I made a suggestion there should be a separate subscription for the journal and you will also remember, I daresay, at least those who were here, how it was received. It was cabled. But I have had some little experience of "Journal," that is given free. Just take as an instance a church magazine, which, of course, is not paid for "The Pharmaceutical Journal." (Laughter.) If you take instance of a church magazine you will find that it is left in the vestibule of the church every Tom, Dick, and Harry to pick up. The quarterly collection has to be made to defray the expenses, and, at the end of the year, the deacon's committee of managers have to make a special collection for the expenses. (Laughter.) I think that is quite a take, and I remember in connection with the journal which I belong to that I had to move that it should be dealt with by subscription, and that each member who wanted to get this periodical had to pay for it. (Applause.) The result was that it was successful, and now there is no collection for church journals. The same rule should apply in connection with "The Pharmaceutical Journal," every one who wants to read it should pay for it. (Applause.) With regard to the annual-membership subscription, owing to the expenditure in every direction, we must really raise an annual subscription. I do think that it has gone up, and that matter is also receiving the consideration of the Council. I hope when the subscription is raised that it will meet with the approval of every member of the Society. I thank you all for the cordial way—not a critical way, I do not think you have been extremely critical in this particular matter—in which you have received the report. Before I conclude I want to answer the question

Mr. Tims with regard to this meeting. I lay upon myself the responsibility for altering the meeting. I did so on account of the unusual conditions. These conditions are such very anxious, on account of the large number of men who were put up for election, that they got out of pain at the earliest possible opportunity that the best way out of it was meeting at twelve o'clock, get over the business as possible, get the votes counted, adjourn, to resume it at the earliest possible moment, the successful men were, and so relieve the unsuccessful ones, so that they might have a good night's sleep. (Laughter.) I feel quite sure that a good many of the candidates are having time. I do not know whether I could have anything more striking than that there should be twenty-two candidates for seven seats. It is an extraordinary position. I cannot understand why there was no contest, and this year contest with twenty-two candidates for seven. That is absolutely a revolution. (Laughter.) Thank you one and all for the very cordial way you have received the report, and before putting it to the meeting I shall ask Sir William to legal questions which have been put.

SECRETARY (Sir William Glyn-Jones) said that the speech had been raised as to who was to be on or National Insurance Dispensing was clearly the Insurance Act. No one could contract to dispensing who was a person or a company not keep open shop for the sale of poisons. They in the panel, they could contract, but again also give an undertaking that the medicines would be dispensed by a registered pharmacist person who, three years immediately prior to the passing of the Insurance Act of 1911, had been acting as dispenser to a duly qualified medical practitioner any complaint came to them there of any upon the panel or was attempting to get panel who was not qualified, they referred the the local Pharmaceutical Committee, who matter to the notice of the Local Insurance whose duty it was, of course, to take off the person who was not entitled to be on, or who was on his contract. As to the particular cases which had in mind, they affected Middlesex. He (Mr. Wolff) was not there as chairman of the Middlesex Committee to deal with these matters, but he did not know anything about the Mr. Wolff, who was secretary of the Panel was present, and he felt quite certain that he had not neglected his duty in bringing the Committee any case of anyone on the panel who was not entitled to be on it; and he should like to hear that the Insurance Committee, where he had been provided, had not taken that person Wolff knew that if the facts were brought to him, although he was not there as chairman of the Committee would not neglect its duty to these people. In regard to the Incorporated Proprietors Bill, well, they had always got a Bill ever since he could. And he believed that at one time, although quite sure, it got as far as being introduced by Mr. O'Grady. A private member, could always have a Bill; any member of could always get a Bill; and there was no getting a Member of Parliament to introduce it have it printed for nothing; it would not do anything. It was purely a matter of form, but chance of going any further than the second the first reading was done in the office of the was not done in the House at all. So the position they had heard a good deal about the Bill, did not see it; and he was quite sure that if did see it, and if there was an attempt on the drug stores to make attacks on the position qualified chemist, they would take action.

He imagined that perhaps that was what Miss Gilliatt wished the President to do—to give an undertaking that it would be resisted. "I presume, Sir," said the Secretary, "that is what Miss Gilliatt and the meeting would rather like you as President to say."

MISS GILLIATT: We want to get a clear statement with regard to the policy of the Council in the event of the introduction of this Bill becoming an actual fact—not a retrospect of what has happened or might happen in the future. We have the Bill, and we want to know what the Council will do with that Bill if it should be introduced.

THE SECRETARY: I would not presume to give Miss Gilliatt any information. (Laughter.) In speaking as I did I thought there might be people here who are not quite so well informed as she is, and who might be very frightened at the idea that the Incorporated Society of Drug Store Proprietors have a Bill. I had hoped that I might have dispelled any disquietude existing amongst those who are less informed than Miss Gilliatt on that matter. Of course, Sir, it is for you to announce what would be the policy of the Council and of the Society in the case of any society introducing a measure which attacks the position of the qualified chemist, and perhaps it will be well for you to say whether you are—

THE PRESIDENT: I can answer the question at once and say most definitely that the Council of the Society would resist it with everything in its power. (Applause.) That goes without saying.

THE SECRETARY, continuing his reply to the questions referred to him by the President, said that in regard to the Dentists Register he took it that the Pharmaceutical Society as such took no part in any attempt of any kind to secure inclusion in the Dentists Bill of a provision for people to be admitted to the Dentists Register who were not entitled to be there. (Hear, hear.) That was a matter in which the Society as a Society could take no official part. So far as the Dangerous Drugs Bill was concerned, the President had already informed the meeting of the action taken by the Council. Dealing next with the question of the new Major (proposed) qualification, Sir William said that the position, of course, is that at the moment the Society will have no power to do anything but provide a merely voluntary qualification which would have no legal effect. But when that qualification was set up and authorised, it would be as was the case with the pharmaceutical chemist prior to the passing of the Act of 1868; people could take it who wanted it, and those who took it would have no position in law in preference to those who did not. That would be the position with regard to any qualification set up. What it provided would be to make it illegal for people who did not possess that qualification to do the things which the new legislation prohibited. When that was done it would secure that those holding existing positions would have vested interests which must be protected. And he was quite certain the Committee would consider, even in connection with the setting up of voluntary qualifications, the position of those who are already holding posts. Then, again, when it came to a question of legal obligation, Parliament would take good care, if the Committee did not, of those who are in positions and see to it that their vested interests were protected. In regard to the Profiteering Act, Mr. Tims had asked why the Council had taken no action. That gentleman would be glad to know that throughout the whole history of the Profiteering Act the Society had fully taken it within its purview. It had already spent a good deal of money in connection with the test case, in which the point decided was whether or not dispensing came within the Profiteering Act. The Society, in conjunction with the Chemists' Defence Association, took that case to the High Court. Regarding complaints which had been received, the Society, through its Local Associations, and through the excellent help which the secretaries of Local Associations had given, had been able to help those who had been prosecuted or charged under the Act; and, in company with the C.D.A. and the Local Associations, had, he thought, been able to render very useful service. So far as the Profiteering Bill was concerned, the Society was fortunate in the fact

that the President happened to be a constituent of the President of the Board of Trade, Sir Robert Horne, who was in charge of the Bill. The President was fortunate not only in being a constituent, but of knowing and getting in touch with Sir Robert Horne, and through him they were in a position to lay before that gentleman, in a much more direct form than they would otherwise have been able to do, the whole of their contentions in regard to that Bill. In connection with the C.D.A., and through the Local Associations, every member of Parliament sitting on the Grand Committee on the measure was supplied with notice of the amendments which were put down at the Society's instigation. He was sorry to say that in the Grand Committee none of the amendments were carried, but an assurance was given by the President of the Board of Trade, who, as he had already explained, was in charge of the Bill, which would be at any rate of some value. It was that he would be glad to receive representations from pharmacists and their own organisations with the view to setting out the articles to which the Profiteering Act should not apply. (Applause.) The answer to Mr. Tims, therefore, was that so far from the Society not having in the past considered the Profiteering Act, or not having regarded it as coming within its purview, it had right up to the hilt taken every step which it could possibly take in conjunction with the other organisations in pharmacy to protect the position of its members. Mr. TIMS: "What about the price-list?" Well, now, on the question of the price-list, that, he knew, would arise under the new Bill, which contained a clause that would enable a trade to prepare a scheme for price-lists, and the L.A.E. had considered this very important matter. But he might say that it was not so easy as it might appear on the face of it. (Applause.) Without committing the Committee or anyone, he might be forgiven for expressing his own personal opinion that it was at least a matter of doubt whether the interests of the whole of the calling would be better served by having a universal price-list, on which anybody could have his charges without risk of prosecution, than by leaving the matter as it is with a proper defence in an individual case. He did not say it was impossible, but the L.A.E. would consider it very carefully. He did think, however, that everyone required seriously to consider whether they should, on the whole, be better off with a scale which would have to be approved by the Board of Trade, and it would be difficult for it to approve a scale which would be absolutely the right one, for a scale which might be right for one type of business would be much too low for another type of business. The whole thing, as he had said, was not so easy as it appeared. He confessed to it, and he could only say that he was quite sure the L.A.E. would very, very carefully consider the whole question in conjunction with the C.D.A. and the other bodies interested.

Mr. GIBSON, referring to the question of dispensing being regarded as a sale under the Profiteering Act, asked what effect this would have on the restriction of dispensing to chemists. It seemed to him, not being a lawyer, that up to the present the only advantage which chemists had had was that dispensing could be constituted a sale. It appeared to his mind that if this were withdrawn, and if dispensing was not to be regarded as a sale under the Profiteering Act, they would leave themselves open to the risk of other people being able to do it.

The SECRETARY replied that the Profiteering Bill left dispensing in the Act as a sale. For the purpose of the Act it was a sale, so that the point did not arise.

Mr. GIBSON: But in the event of an attempt to prove that it was not a sale?

The SECRETARY: An attempt to prove that for the purposes of the Profiteering Act it was not a sale? I have no doubt Mr. Gibson knows that in our complicated legislation things can be sales for the purposes of one Act and not for those of another. At any rate, the Council felt that it was right to get a decision to the effect that dispensing did not come within the purview of the Profiteering Act. The Courts decided against them, and Parliament has decided to leave it in. Under the new

scheme it would be possible—whether it would be desirable or not is another matter—for a scale to be arranged for dispensing. As to whether it should be a universal scale or not is, as I believe, the price of drugs, a question for consideration.

Mr. BRIGHT: With reference to dispensing unqualified persons under the National Insurance Act, I am quite satisfied with the answer I have received written to the Minister of Health, but I have not had an answer, and I have also written to the secretary. I will write again and put it in a more definite way. I state my charges, and if I am not within my rights open to an action for libel—if I am not in

The SECRETARY: You will appreciate that I am deal as Registrar of the Pharmaceutical Society with question *qua* Registrar. Any matter for the National Insurance Committee is a matter which it would be wrong and quite out of order for me to say anything about at this meeting. Mr. Wolff is here, I am quite sure that if there is any matter which he can bring up Mr. Wolff will be willing to do it. With regard to the question of spirit-of-wine rebate, Mr. Knott what we had done. All that we have been able to do is what we have done from the very start. It is that in connection with pharmaceutical preparations non-potable goods, the prices of which have been reason of the increases in spirit duty—that we articles are used in medicine they shall be exempted. We have not been able to get further an I cannot honestly hold out any hope of our being able to do much more than that. In the case of increases of spirit duty, medicines have been exempted from them. I think I have dealt with all the points you asked me to reply to.

Mr. WRIGHT: With reference to the "Journal" subscription, Mr. President, was that an individual expression of opinion, or was it the opinion of the Council?

The PRESIDENT: Quite an individual expression of opinion.

Mr. WOLFF, in response to an invitation from the President, replied to the points raised by Mr. Bright regarding dispensing by unqualified persons under the National Insurance Act, and explained what the Middlesex Pharmaceutical Committee had done in certain cases. He pointed out, however, that the Press should not spread remarks. While he was speaking, Mr. BRIGHT, who complained that Mr. Wolff was evading certain questions raised. He was making an effort to address the point amid some disorder, when Mr. Tims, rising to order, submitted that the discussion was irrelevant to the work covered by the Society. The President gave a decision in support of Mr. Tim's view, and the discussion was abruptly closed.

Miss ANDREWS asked if the Council would take into consideration the advisability of arranging for a half-hour of the next annual meeting, stating that it was impossible to get to it at twelve o'clock.

The PRESIDENT agreed with the suggestion, and at the time saying that he thought he had made it clear that the hour of this year's meeting was fixed for twelve o'clock, in exceptional circumstances.

The SECRETARY, in suggesting that there should be a show of hands on the point, stated it as a fact that three years ago the annual general meeting was always held at twelve o'clock—partly because a number of people who acted as scrutineers came to a meeting and did their work in one day. Three years ago the hour was altered to three, and the scrutineers were not done until next day, so that those who officiated had to come up for two days. He suggested that on the present occasion they had as good a meeting as those for which the hour of three was fixed.

The PRESIDENT then called for a show of hands as to whether the next meeting should be held at eleven or twelve o'clock, and declared that "twelve had it," although the numbers for each hour appeared to be very evenly divided. He then submitted the resolution "that the annual report and financial statement be received and adopted," which was unanimously carried.

SCRUTINEERS.

tary stated that the Council had asked for
to act as scrutineers.
Finally agreed that the sixty members whose
names read should be elected scrutineers.

AUDITORS.

Unanimously agreed, on the motion of the President, that the following should be elected auditors of the Society for the ensuing year: George Bult Francis, Dick Harrington, James Stuart Hills, Thomas Fisher, and Edgar James Millard, all of London. President said that as this was all the business, in compliance with the Act of Parliament, to call the fact that the Registers of members, associates, registered pharmaceutical chemists, apprentices or students, and of chemists under 368, were open for inspection.

VOTE OF THANKS.

In proposing a vote of thanks to the President, remarked that that was really the day out. It was the only occasion on which chance of having a "go" at the chosen, he would have a turn at those who would not be there. The President and Council had done a great deal of work in the past, and it was evident enough times in front of them. They required a great deal of consideration, notwithstanding the fact that they have the war fever on. FEATHER CLARKE seconded the proposition, put by Mr. Wride, and unanimously carried. President, in acknowledging the compliment, said that as the work of the Society was concerned, "not his little bit." He was bound to say that as a whole had worked well together. They had been united, and were satisfied with what was accomplished during the past year. (Applause.) The meeting was then adjourned till half-past five for the result of the Council election.

Council Election Result.

Early eight o'clock before the counting of the votes of the Council candidates was completed and the annual meeting began. The formality of the was tempered by irrepressible applause when of certain popular candidates became evident. The election was announced by Sir William (secretary and registrar) as follows:

th, A. R.	...	...	...	2,852
ng, J. R.	...	...	...	2,774
huish, A. R.	...	...	...	2,685
ies, F. G.	...	...	...	2,655
well, P. F.	...	...	...	2,652
son, F. E.	...	...	...	2,198
yd, H. O.	...	...	...	2,108

cliffe, H.	...	...	...	1,931
l, J. H.	...	...	...	1,895
y, S. F.	...	...	...	1,777
ne, M. M.	...	...	...	1,680
yard, C. W.	...	...	...	1,622
nour, J.	...	...	...	1,409
ld, J.	...	...	...	1,398
nce, G. L. S.	...	...	...	1,346
lerston, D. N.	...	...	...	1,315
vis, C.	...	...	...	1,193
racre, R.	...	...	...	1,131
dy, T.	...	...	...	1,040
ring, E. S.	...	...	...	868
rks, P.	...	...	...	846
wick, H. E.	...	...	...	300

2 voting-papers issued, 6,346 were returned; 38 were informal or too late, leaving 6,138. Mr. W. L. Currie presided over the adjourned meeting. The customary vote of thanks to the Council was acknowledged by Mr. F. Bascombe.

The Profiteering Act.

Notes.

ADDITIONS TO SCHEDULE.

By the Profiteering Acts, 1919, Order (No. 6), which came into force as from May 14, the following articles are declared to be "articles of a kind in common use by the public, and . . . articles which are not controlled" :

SCHEDULE.

The following articles of food (included in this Schedule by agreement with the Food Controller) :

37. Milk (Fresh, Dried, Condensed).
38. Margarine.
39. Maize.

Complaints.

ACTON.—At the sitting of the Profiteering Committee on May 17, a complainant stated that on going to a local branch of Boots Cash Chemists (Southern), Ltd., to get a prescription made up for a panel patient she was charged 4d. for the bottle. She alleged that she protested against the charge, and that the assistant who served her asked her whether she knew that glass-blowers were getting 9d. a week. She then inquired whether her 4d. would be refunded when she took the bottle back, and the reply was "No." She had not since tendered the bottle. The case was adjourned for the attendance of the assistant in question.

BERMONDSEY.—At the sitting of the Profiteering Committee on May 19, Mr. John McIntosh, chemist and druggist, 106 Queen's Road, Peckham, S.E., appeared in answer to a complaint of having quoted 2s. 6d. for a pair of Ansonia nail-clippers. Mr. C. H. Kirby (instructed by the Chemists' Defence Association, Ltd.) defended. The evidence showed that the clippers were purchased in June 1919 from Henry C. Quelch & Co., Ludgate Square, E.C., at 24s. per dozen, and had since last Christmas been sold at cost price. According to the complainant's statement, a pair had been purchased at this price earlier in the day for which 2s. 6d. was quoted. A copy of Messrs. Quelch's invoice was not accepted by the Committee as evidence of cost price, and the case was adjourned for an examination to be made of Mr. McIntosh's books.

DUBLIN.—At its sitting on May 13, the Profiteering Committee heard a complaint made by Mr. R. J. Doyle, a clerk in the employment of the Dublin Corporation, that he had been overcharged by Hamilton, Long & Co., Ltd., 3 Lower Sackville Street, for dispensing a prescription. Considerable interest was taken in the investigation of the complaint, the first of its kind in Dublin. The prescription, for the dispensing of which, together with the bottle, a charge of 4s. 4d. was made, was as follows :

Tr. camph. co.	...	...	...	5 <i>ss.</i>
Syr. scillæ	...	...	...	3 <i>j.</i>
Syr. tolu.	...	...	...	3 <i>iv.</i>
Aq. ad	...	...	...	3 <i>vj.</i>

M. ft. mist.: 3*j.* quat. die.

Alderman Dr. McWalter, Ph.C., a member of the Council of the Pharmaceutical Society of Ireland, who is chairman of the Profiteering Committee, was present during the hearing of the complaint, but did not act on the Committee. Mr. T. F. Burke, assistant law agent of the corporation, appeared for the Committee, and Mr. Lardner, B.L. (instructed by Hayes & Sons), for Hamilton, Long & Co., Ltd. The complainant gave evidence that the prescription was made up by Messrs. Hamilton & Long on April 28, and on April 29 he was charged 4s. 4d. for it. Since he had made the complaint he visited some chemists' shops in Dublin and asked them to quote him a price for the prescription. The first place he went to was Montgomery's, Dame Street. The assistant studied the prescription very carefully, and turned it over,

evidently searching for some code number or mark. He asked witness what he had paid for it previously, and witness said he did not know. The assistant said, "I will make it up for you for 3s." Witness next went to Mr. Watson's, South Great George's Street, where the assistant quoted him 4s. Later on in the day he called at Cahill's, Dorset Street, and they quoted him 3s. 10d. or 4s., including a bottle. On the previous evening he called at Graham's, Westmoreland Street. The assistant who took the prescription went to another assistant, and the two were working on it for fully ten minutes. When the assistant came back to him he said he would make it up for 3s. 6d. When he asked the assistant at Messrs. Hamilton & Long's how much he owed him the assistant said 4s. 4d. Witness said, "D— it, that is very high." The assistant said, "Oh! you must remember that the cost of drugs has gone up to an extraordinary extent." It was a common cough bottle made up for a child. A member asked whether the witness could give the Committee an idea of what the pre-war cost of the prescription was. Complainant: Time and again I bought the same bottle for about 1s. 2d. The Chairman: Exactly the same?—Practically the same. Cross-examined by Mr. Lardner, the complainant said he could get the prescription made up for half the price in England. Mr. Lardner: You are not in a position to prove that. You know Hamilton & Long's is a very highly organised business?—Yes, it is a very good house. Would you be surprised to hear that there is opium in the prescription?—I am not aware that there is. You may take it from me that there is. Will you give me the chief constituents of any prescription you got before the war for 2s. 2d.?—I got a cough bottle made up for 1s. or 1s. 2d. Give me the constituents, because we can test this. You are giving evidence of constituents of a similar class?—I cannot do any more than say that I have had cough bottles made up and never paid more than 1s. or 1s. 2d. Do not you think that in giving evidence it would be much franker to say that you got cough mixtures made up without saying of the same class?—I believe it is a common form of cough bottle. Mr. Lardner, addressing the Committee, submitted that the evidence given by the complainant was of a kind that should not be tolerated by a Profiteering Committee. In dealing with the matter of the dispensing of medicines the Committee should not regard it as they would an ordinary business. One class of chemist kept one or two assistants; and then there was a big establishment like Hamilton & Long's, which had the reputation of supplying the best drugs that could be procured. They also gave the maximum of security by adopting a system of checks, under which a prescription had to pass through the hands of at least two skilled professional gentlemen. If a customer liked to purchase safety and to purchase professional skill and went to Messrs. Hamilton & Long's, he must be prepared to pay for it, and he could not expect to get a prescription made up there at the same price that he would pay in a house in a different category. He thought he would be able to satisfy the Committee that there had not been any overcharge in this case, and that concerns like that of his clients had been more hardly hit than those of any other trade by reason of the increase of prices. Hamilton & Long's average dividend for the last ten years had been about 4 per cent. Mr. Lardner proceeded to refer to the increase in the wholesale prices of drugs since the outbreak of the war. The price of this prescription before the war would have been about 2s. 2d. or 2s. 6d. The price charged the complainant was just double what it was before the war, whereas the cost of its materials had increased to three times the pre-war figure. It should also be taken into consideration that there had been a large increase in the wages bill since the war broke out. His clients desired that the complaint should be investigated. The mixture given to the complainant in this case contained forty-eight doses, so that the cost was only about one penny per dose. In the particular establishment where it was dispensed six skilled gentlemen were employed,

and their daily salaries amounted to 10*l.*, on 9*l.* an hour per man. The compounding of this prescription occupied two of them—one man up the other checking. Mr. Tulloch, accountants Hamilton, Long & Co., Ltd., gave evidence to the cost of drugs, etc., at present and in the past, and also gave other figures bearing on the business. He stated that the salaries were no more than a quarter-times the pre-war figure. Dr. Mitchell stated he was a member of the company, and was a professional man responsible for the carrying on the compounding. He had found a prescription of the same class as that under investigation, 2s. 2d. had been charged for it before the war, the charge of 4s. 4d. at present did not show a profit than 2s. 2d. would give before the war. He explained the methods of dispensing adopted by the firm and the precautions taken to ensure accuracy long ago in himself was buying drugs. There were five samples of a particular drug placed before him, the lowest price was 5*d.*, and the highest 2s. 2d. He was assured that every one of them was a test of the Pharmacopoeia. He bought the drugs at 2s. 2d. Cross-examined, Dr. Mitchell said that if he were brought back 3*d.* would be allowed. W. F. Wells, Ph.C., a member of the Council of Pharmaceutical Society of Ireland, examined by Mr. Lardner, stated that his experience extended considerably more than half a century. Mr. Lardner: Do you express any opinion whether, having regard to present prices and pre-war prices, this is a reasonable charge?—I consider it a very reasonable charge, one that would be charged by all the best houses in Dublin. Do you agree that there are shops where a higher grade of drug is used and where there is a higher grade of efficiency?—Undoubtedly. Mr. Wells referred to the care which it was necessary to take in the making up of some prescriptions for children and said that at a conference in London last year the question cropped up, and the consensus of opinion was to be that it did not pay the chemist to make pills and that class of prescription at all. Chemists had come to the conclusion that it would be better to shut their shops than to go on compounding. One of the largest chemists in Ireland told him that at the present prices he was inclined to shut up his shop, and that he would make more money by doing it. Mr. Lardner: Suppose I was carrying on my business to-morrow, and that I put on my door, "Not for business," but "Prescriptions Compounded," and that I did not sell anything else, how long could I carry on?—Unless you charge your present prices you could not carry on for months; you would be in bankruptcy. I believe we are charging by a fair and reasonable scale. My own opinion is that it ought to be 10*l.* per cent. In further evidence, Mr. Wells stated that the Committee decided against Messrs. Hamilton, Long & Co. It would simply tend to raise prices, because chemists would be driven to buy in the higher mark so as to get a bigger amount of profit. Complainant heard the evidence of Dr. Mitchell. Would you charge my figure of 650 per cent. profit on the bottle? You would be very sorry to do so. The Committee, having consulted in private, the chairman said they had very carefully into this matter. They considered it was a very proper case to have brought before them, but, taking all the evidence into consideration, decided to dismiss the case.

PROSECUTION.

At Kensington, London, W., on May 18, 1919, E. Hill, Ph.C., trading as W. W. Brunton & Co., 10, Court Road, S.W. 5, was summoned at the instance of the Kensington Profiteering Committee for selling rhubarb at a price yielding an unreasonable profit (C. & D., April 3, p. 72). Mr. Wallington (instructed by Neve, Beck & Kirby, solicitors of the Chemists' Defence Association, Ltd., Mr. Hill, who pleaded "Guilty," was fined 2*l.* 2*s.* costs.

Association Affairs.

Workers' Union. A meeting of the Pharcion of the National Warehouse and General Union was held on May 12 at Southport, at Gilmour, the organising secretary, gave an Organisation.

—The annual meeting of the Harrogate Pharcion Association was held on May 13, when for the session 1919-20 were presented. The officers for the ensuing session resulted as President, Mr. H. F. Illingworth; Vice-President, Mr. Mortimer; Secretary, Mr. J. W. Harper; Mr. Percy L. Ridge; Auditor, Mr. A. Atkinson; Messrs. T. W. Crosby, J. M. Dawson, and A. W. Wood.

—A meeting of the Ipswich and Suffolk Association was held on May 13, the President, in the chair. He referred sympathetically of Mr. P. P. Cornell and proposed a vote of thanks to Mr. J. R. Cornell, who was present, making acknowledgment on behalf of the family and A letter from Boots, Ltd., giving notice of their not to close for the dinner hour was considered, decided to recommend members to discontinue the dinner hour from May 31. The secretary having written to several manufacturers of proprietary medicines urging them to increase the retail profit, and read the replies received. It was support the Federation nominees, Messrs. Body and.

—The annual meeting of the Leeds Chemists' n was held on May 13, Mr. N. N. Armitage.

The annual report was presented by Mr. Haslegrave (secretary), who briefly reviewed the which the Council of the Association has been during the year. Mr. Haslegrave said the work had been highly important, and the poor es at meetings were greatly to be regretted. In the adoption of the report, the chairman com- verely on the lack of support by the rank and held that an attendance average of 15 per cent. itable to one of the leading associations in the Mr. J. Hayes, as secretary of the Pricing Com- reported that the issue of lists to seventy-three s cost 47. 8s. 9d. more than the income, and this made up from the ordinary funds of the Asso- Mr. H. O. Eaton (treasurer) presented a balance wing a balance of 10L. 12s. 1d. He pointed to expenses in justification of the advance in sub- . The various reports were adopted. The officers were elected for the coming year: Mr. H. Gillegan; Vice-Presidents, Mr. N. N. and Mr. E. E. Haslegrave; Treasurer, Mr. ; Secretary, Mr. J. Lancaster; Auditor, Mr. G. Council, Messrs. F. Pilkington Sargeant, J. H. Beacock, W. D. Pollitt, W. Eddie, H. O. Riley, T. Shooter, and P. W. Brentnall; Committee, Messrs Hayes, A. Winterbottom, R. Eddie, Armitage, Shooter, Pollitt, and Hasle- d Mr. P. W. Brentnall (Secretary). The sub- to the price list was advanced from 3s. to 5s. per Mr. Haslegrave reported that, in response to the circulars to all members, only twenty-nine replied of the establishment of a uniform scale of charges to be added to the price list. The idea before dropped. The Pharmaceutical Society Fund collecting-box contained 4L. 10s., which nulated during the past year.

—The annual meeting of the Ealing Pharcion Association was held on May 11, the President C. McKee) in the chair. The secretary (Mr. reported on the year's work, stating that a s- sion had been held. The following officers for n session were afterwards elected: President, mberger; Vice-President, Mr. S. C. McKee; and Treasurer, Mr. Thomas Marns; Assistant-

Secretary, Mr. H. R. Storm; Social Secretary, Mr. Arnold Roberts; Auditor, Mr. Herbert Skinner; Committee, Meers. Drayton, Cawkwell, Thompson, Flood, Weston, Edkins, Irwin, Roskow, and Edwards. Mr. Herbert Skinner was elected the first hon. member of the Association, as a token of the esteem with which the Association holds him. The secretary read the letter from the Pharmaceutical Society re the Harrison Memorial Fund, and many present decided to support this fund. Mr. Skinner then addressed the meeting on *Federation, and Trade Union Matters.*

South Wales and Monmouthshire Federation.

The fourth annual meeting of the South Wales and Monmouthshire Pharmacists' Local Associations Federation was held at Llandrindod Wells on May 12. The President (Mr. Benson Harries) occupied the chair, and among those present were Mr. A. R. Melhuish and Mr. G. A. Mallinson, representing the Council of the Pharmaceutical Society and the Local Associations Executive respectively. Retail prices of proprietary articles were considered, and it was agreed that the question had now become a matter for National Federation groups to decide. The President then read the annual report. In the memorandum of association of the South Wales and Monmouthshire Federation it was agreed that the Federation should embrace all the local associations in the counties of Glamorgan, Monmouth, Carmarthen, Pemroke, Radnor, Brecknock, and Cardiganshire, and he gave the names of the federated associations. While some local associations took a greater share in the work owing to easier facilities for travelling, he appealed to every local association to give adequate support to the Federation and send delegates to the meeting. With regard to National Health Insurance, the question of securing chemists' full demand remained. He thought Wales is too modest in her claim for representation. There is only one Welsh member on the Council of the Pharmaceutical Society and one member on the Council of the Local Associations Executive. He thought that pharmacists had a right to become officials on the Ministry of Health in the same way as the medical profession. Little progress had been made in retailing patents so as to secure a reasonable margin of profit. The Federation had approached certain multiple shop companies to secure unity in retail prices, but their proposals had not been accepted. Many patent-medicine makers had joined the Proprietary Articles Trade Association since the Federation's last annual meeting. When the Federation groups were completed he proposed that the Federation approach the other groups with the object of concerted action in regard to prices. The Federation supported the Early Closing Bill. Correspondence had also taken place with the secretaries of the National Chamber of Trade with the object of becoming affiliated. The two colleges of pharmacy—the Welsh College of Pharmacy, Cardiff, and the Swansea Technical College classes (the Cardiff College being under the direct advisory administration of the Federation)—are progressing favourably. It was hoped that members of the Federation will in the future give preference to men qualified from these colleges in selecting their assistants. Every inducement would be given the candidates to study for the Major examination in the subjects of bacteriology, radiography, and pathological analysis, etc. He hoped that the colleges would become a constituent part of the Universities, so that candidates could take their degree in pharmacy in Wales. In conclusion he urged all to support the Federation by personal influence and financial assistance. In common with the other unions, they required funds, but, above all, they needed unity. The election of officers resulted as follows: President, Mr. H. M. Lloyd (Merthyr Tydfil); Vice-President, Mr. Francis Phillips (Haverfordwest); Treasurer, Mr. H. S. Arnold (Cwmavon); Secretary, W. T. Sivertsen (Swansea). The new President, Mr. Lloyd, in acknowledging the honour conferred on him, said the Federation owed much to Mr. Benson Harries for the work he had done. Mr. Mallinson gave a brief outline of the Local Associations Executive scheme. He

hoped that with the organisation of East Yorkshire the scheme would be complete, and that the Federation would be linked up to a central or National Federations Executive, which would be appointed at a forthcoming Federation conference in London. He submitted that the South Wales and Monmouthshire Federation adopt the Local Associations Executive federation scheme, and deprecated the idea of forming another organisation such as that composed of master pharmacists. It was afterwards resolved to adopt the Local Associations Executive's scheme and become affiliated to the National Federations Executive. Mr. Melhuish said he was much impressed by the civilisation which existed in Wales. In the same way he admired a son of Wales in the person of Sir William Glyn-Jones. In dealing with the professional side of pharmacy, he said that education was the bedrock upon which we must build. He congratulated the Federation on having two colleges. It was owing to the untiring effort and self-sacrifice of Mr. Edmund White, the chairman of the House Committee, that they were able to accommodate 150 more students at the Pharmaceutical Society's School of Pharmacy. Contrary to some statements, all these ex-Service men receiving instruction had been connected with pharmacy prior to the war. He was of opinion that the curriculum and the division of the Qualifying examination would prove a great service, and would enable students to take Part I. immediately after completing their apprenticeship. As a Major man, he advocated the reform of the Major examination. He proposed the resumption of the evening meetings, the revision of the British Pharmaceutical Codex, and also an increase in the usefulness and scope of "The Pharmaceutical Journal" rendered necessary by the formation of all the various federations with a corresponding demand for publicity and space. In looking into the future, he foresaw the increase in the capital value of pharmacy and the raised professional status and value of the qualification. He submitted that the members should not at any time lose faith in their leaders, but believe that they had the interest of the individual pharmacist at heart, however remote, however small, the business might be. Mr. Leo Joseph, in speaking for the Council, said that during election time many statements were made by persons who were well meaning in many ways, but who thought that by the simple expedient of a change in personal factors and equations, pharmacy would enter once for all into fields of happy prosperity and professional sanctity. He appealed for unity. Criticism which is destructive may be good, constructive criticism is by far the best, but obstructive criticism is of no service whatever. He asked members to support the Pharmaceutical Society and to realise that the Society having at its right hand a National Federations Executive would be placed in a superior position as the guardian of the right of pharmacy. It was decided to hold the next Federation meeting at Swansea early in September.

Wills.

SIR THOMAS RICHARD FRASER, F.R.S., M.D., Druimbeg, Argyllshire, and 13 Drumsheugh Gardens, Edinburgh, who died on January 4, left, in addition to real estate, personal estate in the U.K. valued at 19,364*l.* 10*s.* 7*d.*

MR. DAVID CHARLES, Ph.C., Burry Port, Carmarthen, who died on January 15, left estate of the gross value of 4,402*l.* 10*s.* 6*d.*, with net personality 2,064*l.* 8*s.* 9*d.* The testator left all his property equally between his two children, Mrs. Nina Lloyd and Hywel Michael Charles.

MR. MATTHEW PARKER ISMAY, 11 Framlingham Place, Newcastle-on-Tyne, senior partner of John Ismay & Sons, manufacturing chemists, City Road, who died on February 3, left a fortune of the value of 65,300*l.* 16*s.* 2*d.*, the net personality being 48,456*l.* 8*s.* 1*d.* The testator gave 6,000*l.* in trust for his son Stanley, 100*l.* each to the executors, 500*l.* to Elizabeth Davis if still in his service, and the residue between his son George and his daughter Eva Mary.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the Health Insurance Acts.

Inquiry about a Panel Practitioner

With regard to the representations made by the Insurance Committee against Dr. Benjamin Heraud of Manchester (*C. & D.*, March 13, p. 67), the Inspector of Health reports that he has decided to take no action in the matter. But, in view of the breaches of the Medical Certification Rules disclosed on these occasions, the Minister would have been disposed to inflict a heavy penalty on Dr. Heraud by withholding the grant from the Committee, had the Committee recommended this action in the first instance.

Reports from Local Centres

Wolverhampton.—The statistical data of practice of the Insurance Committee for the year and quarter ended December 31, 1919, are as follows :

	Year	Year
Number of prescriptions ...	89,311	91,214
Number of persons on lists ...	30,380	30,380
Average ingredient cost ...	4.72 <i>d.</i>	9 <i>d.</i>
Average dispensing-fee ...	3.79 <i>d.</i>	7 <i>d.</i>
Total cost per insured person ...	25.02 <i>d.</i>	39 <i>d.</i>
Frequency per insured person ...	3.94	7 <i>d.</i>

Worcester.—At a meeting of the Insurance Committee held recently, the chairman (Mr. R. R. Irband) said the Pricing Bureau had reported that Worcester had the highest rate of expenditure on medicine, the average cost being 2*s.* 7*d.* As a complaint had been received from the Pharmaceutical Committee that practitioners are still ordering "Rep. mist." a resolution was passed that doctors be instructed to adhere to the regulation prohibiting the use of "Rep. mist."

THE WEST MIDLAND JOINT COMMITTEE has recently issued the report for the year ended December 1919, covering the operations of the Pricing Office. The report states that the arrangement whereby the Pricing Office price prescriptions on behalf of the Staffordshire, Wolverhampton, and Dudley Joint Tuberculosis Committee has continued, and approximately 32,000 scripts were dealt with in this connection during 1919. An arrangement having now also been made with the Coventry Public Medical Service, the number of additional scripts to be dealt with during 1920 will be increased by 36*l.* In connection with reassessment, it was necessary to reprice drug prices of 38,364 prescriptions and dispensing fees of 206,359 prescriptions. The efforts to secure the adoption of a joint formulary for use in the various areas were largely unsuccessful, the formulary adopted by the Joint Committee being now in use in only four of the areas. The official recognition of the use of formularies, with recognised list, would, it is suggested, be preferable to the issue of formulas by individuals. The average cost of administration per thousand prescriptions in 1919 was approximately 1*s.* 7*d.* per thousand more than for the year 1918. In view of present conditions, as compared with December 1915, when the joint arrangement was inaugurated, the present cost is within the estimates of the Insurance Commissioners at that time. The result of the checking of scripts by the Central Checking Bureau shows a still further diminution in the percentage of errors. The operations of the Central Checking Bureau serve a very useful purpose, not only as a means of providing evidence to chemists of the accuracy of pricing but also as an effective means of preventing errors which are likely to arise in the course of dealing with large numbers of prescriptions. The total numbers of prescriptions received from areas of constituent committees during the past four years are as follows :

1916	1917	1918	1919
1,838,567 (11 mos.)	2,054,566	2,253,255	2,315,159

and the average cost per 1,000 prescriptions

1*s.* 4*d.* 1*s.* 2*d.* 1*s.* 11*d.* 1*s.* 2*d.*

Trade Report.

42 Cannon Street, E.C. 4, May 20.

ial situation continues to overshadow the ne produce markets, and the feeling of depression more acute. The position has, of course, ed worse since the Budget proposals increasing profits duty or the alternative of a war-wealth proposals have given a serious check to business throughout the country. Banks are little credit, so that not a few firmsing their securities to finance their stocks, prices are drifting, an anxious feeling is to what the outcome will be. The may be described as "uncanny," but the ea of a moratorium, as suggested by a morning only excites ridicule. In these circumstances all sections is hand-to-mouth, and among chemi-anges include an advance in pure chloroform, d salol. Amidopyrin, citric acid, tartaric acid, d phenazone are cheaper. Potassium bromide aspirin is easier. Other changes include an canary-seed; coriander is lower, likewise and menthol. Zanzibar cloves, albumen, and Ils are the turn easier. Colocynth is firmer; 1 is lifeless.

Firmer	Easier	Lower
Caffeine	Albumen	Amidol
Colocynth	Amyl salicylate	Amidopyrin
Heliotropin	Aspirin	Castor oil
Hexamine	Camphor	Citric acid
Methyl anthranilate	(Ch. cr.)	Cocoa-butter
Paraldehyde	Caraway oil	Coriander-seed
Petitgrain oil	Caraway-seed	Menthol
(Parag.)	Cloves (Zan.)	Mint oil (Jap.)
Soda sulphite	Copper sulphate	Metol
Vetivert oil	Egg products	Phenazone
	Galis (Chinese)	Pyrogallic acid
	Ipecacuanha	Tartaric acid
	Lemon oil	Wood oil
	Lemongrass oil	
	Resorcin	
	Sulphonal	

Cablegrams.

May 20.—The catch of cod amounts to against 23,111,700 at the corresponding date of and the yield of steam-refined oil is 49,068 inst 29,188 barrels at the same period of 1919. rken fishing continues poor, and the market for oil is lifeless.

DRK, May 19.—Business is quiet. Salicylates advanced; salicylic acid is now 60c. per lb., icilate is 70c., methyl salicylate is 85c., and per lb. Mercury has advanced \$10.00 to \$95.00

Oregon balsam of fir is higher at \$1.85 per gallon. Antipyrin (phenazone) is lower at \$6.30, stic refined camphor is also cheaper at \$2.40

is easier, prime Chinese egg offering at 5s. to arrive, June-August shipment is quoted at

is lower at 11s. 6d. per lb. in tins.

RIN is weak in the absence of Japanese d- prices are about 5s. per lb. lower, dealers 5s. per lb.

steady at 87s. 6d. per cwt. for Russian and s. for Spanish.

—In the latter part of last week English experienced a substantial downward adjustment ton for good ordinary brands, while the special e quoted 687. Chinese 99 per cent. is offering f. to arrive, and the present value of crude y no better than 40f. c.i.f. There have been ing offers due to the fall in silver. The Ameri- has also weakened considerably. 1,000 cases arrived in London from Hankow.

ARSENIC is steady, best Cornish powder being obtainable at 68s. per ton, although some sellers ask more. Grecian for shipment has been done at about 65s. c.i.f., and Australian is 65s. London current supplies are very moderate.

ASPIRIN of B.P. quality is offered at from 5s. 10d. to 6s. per lb., according to seller and quantity.

BALSAM TOLU can be had at from 7s. 9d. to 8s. per lb., according to quantity.

BENZIN.—The London stock at the end of April was 1,684 packages, against 1,192 in April 1919, and the deliveries in April were 174 packages, arrivals being 362 packages. The stock of first-quality Sumatra is nil, while there is a medium supply of seconds, and a good supply of thirds. 170 cases Sumatra have arrived from Singapore and Penang this week. There is a fair supply of Siam of all grades, and of Palembang seconds and thirds the stock is good.

BROMIDES continue slow of sale, in consequence of which some holders are anxious sellers, offering potash crystals and granular at 3s. and slightly less, and soda at 3s., but some of the leading interests resolutely refuse to sell at these prices, holding out for 3s. 6d. and 3s. 9d. for soda.

CAFFEINE continues scarce and firmer in second-hands at from 46s. 6d. to 47s. 6d. per lb. for the pure crystals. Imports valued at 1,480£. have taken place from Germany.

CAMPHOR (CRUDE).—Chinese for prompt shipment is quoted at 5s. 6d. per lb. c.i.f., and on the spot sales are reported at 5s. 1½d. to 5s.

CAMPHOR (REFINED) has continued irregular, with spot sales at from 10s. 6d. to 10s. 7½d. for Japanese slabs, and for May-June shipment 9s. 6d. per lb. c.i.f. has been paid.

CANARY-SEED has advanced considerably in price during the past week, and the market is now steady at 140s. to 155s. per quarter for ordinary to good Morocco.

CANTHARIDES remain firm, good Russian offering at 15s. 6d. to 16s. 6d. per lb., and for a parcel shortly due from 15s. 6d. to 14s. is quoted.

CARAWAY-SEED is slow of sale at 44s. per cwt. for fair Dutch on the spot.

CASCARA SAGRADA is quiet, with spot offering at from 100s. to 103s. per cwt.

CASTOR OIL is quiet and 30s. per ton lower, Hull make of pharmaceutical quality offering at 94s. per ton, first pressing at 91s. and seconds at 89s. per ton net, barrels included, ex works Hull. Dealers offer medicinal English at 90s. in barrels.

CHAMOMILES meet with a small demand, good white Belgian selling at 140s. per cwt.

CHILLIES.—At auction nine bags of good bright East African sold at 155s. per cwt., being much dearer.

CHLOROFORM.—The makers have advanced the price of pure B.P. by 6d. per lb., and now quote 4s. 1d., and lots of 50 lb. and upwards 4s. per lb. net, with the usual reduction for quantity.

CITRIC ACID is lower in consequence of the offers of resale parcels from Australia, of which shipments are on the way. Spot is offering at 6s. per lb. for powder.

CIVET is quoted at higher prices for recent deliveries, as much as 22s. per oz. being mentioned. Fair quantities of average quality are obtainable at 18s. to 19s. per oz.

CLOVES are quiet, fair Zanzibar offering at 1s. 11½d. per lb. on the spot.

COCOA-BUTTER is dull and lower, with spot sellers of prime English at 2s. 9d. per lb.

COLOCYNTH is in limited supply, Spanish apple offering at the higher price of 1s. 3d. per lb. Pith is wanted at 2s. for good white and 1s. 9d. for ordinary.

COPPER SULPHATE.—Export demand continues slow, makers asking 47f. to 48f. f.o.b. Liverpool for casks, and the same prices are quoted for home use. Trade prospects are very disappointing.

CORIANDER-SEED is unchanged at 21s. to 22s. 6d. per cwt. for good Morocco.

CREAM OF TARTAR.—The fact that French makers have raised their price to 375s. per cwt. has had no effect on this market, as there are still sellers at from 290s. to 295s.

per cwt. for 99 to 100 per cent. powder, less the usual discount, and for parcels afloat 290s. is quoted.

CUMIN-SEED is quiet and slow of sale at 42s. 6d. to 45s. per cwt. for fair to good sifted Morocco.

DILL-SEED is still quoted 16s. per cwt. for East Indian.

DRAGON'S-BLOOD.—The stock at the Cutler Street drug warehouse at the end of April stood at 189 cases. First quality is, however, unobtainable, but there is a fair supply of second quality. The deliveries during April were 25 cases and the arrivals *nil*. Sixteen cases have arrived from Singapore this week per *Hyson*.

EGG PRODUCTS are quiet and 2s. 6d. easier for Chinese liquid hen-yolk containing not more than 2 per cent. boric acid, which is offering at 90s. per cwt. on the spot, and May-July shipment is 90s. c.i.f. Dried native whole on the spot is 1s. per lb., and sprayed whole egg 2s.; liquid whole on spot is 90s., and dried yolk 9d. per lb. spot.

ERGOT.—The *Bro* from Bilbao arrived at Hull on May 10 with nine bags.

EUCALYPTUS KINO.—An arrival of 10 cwt. has taken place from Victoria.

FEARNA is steady, with spot sales of No. 1 Japanese at 29s. to 30s. per cwt., and for May-July shipment 30s. c.i.f. London is quoted; sweet has been sold at 28s. spot.

FENNEL-SEED is unchanged at 34s. per cwt. for East Indian on the spot.

FENUGREEK-SEED is steady at 10s. 6d. to 11s. per cwt. for common to good Morocco.

GALLS.—Chinese are easier, plum-shaped on the spot offering at 190s. per cwt., and afloat at 180s. c.i.f.; ordinary shape are 180s. spot and 170s. c.i.f.

GINGER.—At auction 580 bales Cochin offered and 40 sold at 60s. for fair rough washed wormy.

HELIOTROPIN is about 2s. 6d. per lb. higher, sellers asking 37s. to 37s. 6d. per lb.

HONEY has been selling rather more freely of late, including Australian at from 67s. 6d. to 70s. per cwt. for good set. Cuban can be had at 70s. for good set, and Jamaica at 75s.; pale Californian is 105s. and pale set Honolulu at 75s. The arrivals comprise 1,724 cases from Australia.

IPPECACANTHAN.—The stock in the Cutler Street drug warehouse at the end of April consisted of 187 Matto Grosso, 13 Minas, 16 Cartagena, and 45 East Indian—a total of 261 packages; but at this date is only about 170 packages. Matto Grosso is quoted at from 22s. to 22s. 6d., Minas 21s., and Cartagena 20s. per lb.

LEAD COMPOUNDS.—Prices have again advanced considerably on the sharp rise in pig-lead. Two advances have been recorded in white-lead—viz., 17. on Saturday last and 21. 5s. to 21. per ton on Tuesday. Dry white-lead on the latter day was fixed at 68s. 5s., and white-lead in oil at 78s. 15s. f.o.b. for export. Only one alteration was made in red-lead and litharge of 17. 10s. per ton on Tuesday, which placed the price for lots of under 5 tons at 64s. 10s. and for lots of 5 tons and over at 63s., both for the home trade and export. Deliveries to the trade are still considerable, and the export demand is active, especially for Scandinavia.

LINSEED OIL has fluctuated considerably, with a fair trade doing, while crushers' offers for forward delivery are not pressed in excess of the demand. While the market is talked lower on prospective freer supplies, trade needs are of respectable dimensions, and there is no indication of any further serious slump just at present. Spot (London) closes at 99s. per ton, naked, and Hull at 92s.

LIQUORICE-ROOT.—Good natural Spanish is offered at 50s. per cwt. on the spot.

MACE.—At auction 42 packages West Indian offered and 23 sold at 1s. 4d. to 1s. 6d. for fair to good palish and reddish, 1s. 1d. to 1s. 3d. for common to ordinary, and 9d. to 10d. for low pickings.

MENTHOL has been irregular, but lower, with spot sellers of Kobayashi-Suzuki at from 50s. to 52s. per lb.

METOL of German make is cheaper, offering at 20s. per lb.

NUT OIL.—Refined edible arachide is offered at 145s. per cwt. in barrels on the spot.

OLIVE OIL.—Finest new cream French in tins and cases

is offered at from 23s. to 24s. per gallon, and at 22s. 6d. per gallon, ex wharf, London. Spain is quoted at from 19s. to 21s.

PARALDEHYDE is firmer at from 6s. 9d. to 7s. 1d. on the spot, and at 6s. 3d. afloat.

PEPPER.—Prices of fair black Singapore fluctuated considerably, but are easier on balance. During the spot has been sold at from 7s. 6d. to 7s. 1d.; forward *post* include sales of May-July at 7s. 6d. to 7s. 1d.; Jun *Aug* and August-October, 7s. 6d. to 7s. 1d. to 7s. 1d. per lb. Lampung is 7s. 6d. spot, and June-August shipment c.i.f.; Tellicherry is 9s. 6d. spot, and Alleppey 7s. 1d. White pepper is dull, fair Muntok offering at 18s. August-October shipment at 1s. 1d. c.i.f.; Singapo 1s. 1d. 1s. 6d. spot.

PHENAZONE appears to be offered more cheaply the Continent, and spot prices are about 1s. per lb. at 26s. to 27s. per lb.

PHENOLPHTHALEIN is offered at from 10s. 6d. to 11s. 6d. per lb. on the spot, according to quantity.

PIMENTO remains quiet, with spot sellers at 5s. per lb. auction, on behalf of the Admiralty Marshal, 3s. 6d. ordinary to fair sold at from 5d. to 5s. 6d.

PYRGALLIC ACID.—Formerly resublimed commanded higher price than crystals, but the demand has been so much so that one second-hand seller quotes a price for either, viz., 12s. 9d. to 13s. per lb.

QUICKSILVER.—Whatever interest exists at the moment is chiefly confined to Italian, of which there are a plenty of sellers, and owing to the heavy discount at which is obtainable compared with the nominal price of 5s. per bottle for Spanish, some little business has been done at about 21s. 10s. to 22s. The position is dealt with in editorial columns.

QUININE.—Bisulphate has been sold in quantity 4s. 4d. per oz. Arrivals amounting to 204,000 oz. and salts have taken place from Java. By an order Council appearing in the "London Gazette," as it is now no longer necessary to obtain a licence to import quinine sulphate.

RESORCIN is slightly easier, B.P. quality ofing about 30s. per lb. on the spot.

RHUBARB is steady, with spot sales of good medium bold round Shensi at 12s. 6d., and for rough round High-dried 7s. 9d. is asked. The stock in the Cutler Street drug warehouse at the end of April amounted to 519 chests, against 134 chests in April 1919, and the deliveries for the month were 58 cases, the landing being 30 cases. Seventy-six cases have arrived from Shanghai.

SAFFRON of B.P. quality is firm at 65s. to 72s. per net, according to grade.

SALICYLATES.—The advance in the prices of makers comes as a surprise to this market, and the possible elimination of keen competition on the part of the makers is shown hereat the moment, and the future position is somewhat obscure. There is, however, little interest shown hereat the moment, and the future position is somewhat obscure. Salicylic-acid powder from the makers is offered at 3s. 6d. to 3s. 9d., and sodium salicylate at from 4s. 6d. to 5s. per lb.

SALOL is firmer at from 6s. 6d. to 6s. 9d. per lb. on the spot.

SARSAPARILLA.—The arrivals at the warehouse comprised 17 bales grey Jamaica and 20 bales red native. The stock at the end of April was 492, against 1,400 in April 1919, and the deliveries were 79 bales, the arrivals being 100 bales. For ordinary quality native Jamaica 3s. has been paid this week.

SENEGA has a slightly firmer tendency, and hoers are now asking 12s. per lb.

SERPENTARY is offered at 5s. 6d. per lb., but slightly less would probably be accepted.

SELLAC has been quiet throughout, the spot market usual standard TN Orange quality closing at 5s. A Garnet at from 570s. to 600s. for hard cakey and 500s. to 550s. for soft cakey. Futures show little change on balance, the salicylate closing August at 480s. to 475s. to 500s., and October at 450s. to 475s.

SODA SULPHITE is firmer at from 35s. to 37s. per cwt. for recrystallised in kegs, and for anhydrous is quoted.

remains firm, white offering at from 55s. to 65s. per cwt., and ordinary down to 45s. per cwt.

NINE SALTS.—There is a very brisk demand for salt makers are extremely busy endeavouring to it.

The advance of 4d. per lb. in the retail price of salt by domestic consumers came into force on May 1 and is now 1s. 2d. for granulated. The official statement states that the retail advance is due to the increase in the price at which sugar can be had in the world's markets. Details of the revised and retail prices are as follows :

	Grocery		Manufacturing and Ships' Stores	
	Wholesale per cwt. Discount 1½% to direct buyers	Retail per lb.	Wholesale per cwt. Discount 1½% to direct buyers	
sugar, pulverised ...	1s. 8d.	1s. 2d.	166	[156 0]
sugar ...	1s. 0d.	1s. 2d.	164	[154 0]
crystals, crushed	1s. 2d.	1s. 2d.	160	[150 0]
dry white sugar,				
dry crystallised				
crystals, white				
oist)				
Muscovado (moist),	95 9	1 0	110	[141 9]
in cane crystals,				
other than white,				
every syrups				
lts, and lumps,				
other British				
yrups, to be sold				
manufacturers				
domestic preserv-	114 0	1 2	—	

imum "reasonable" price for all licensed "free" May 17 until June 12, 1920, has been fixed at 160s. wholesale, less 1½ per cent., and the retail price per bottle preserving only at 1s. 7½d.

ad molasses will be sold by refiners at prices approved omission. Vouchers for period 6, starting May 17, and notice, should be fulfilled at the following rates: green, and yellow, 100 per cent. of face value; blue, 100 per cent.; brown (wholesale jam manufacturers), 300 per cent (small jam manufacturers), 100 per cent.

olesale prices quoted are those at which sugar applied to "direct" purchasers by the Commissy refiners. All wholesale dealers through whose passes are entitled to a profit of 1½ per cent. t cost, together with the actual cost of carriage. on certain other charges are allowed for handling and for breaking bulk where the quantity to red is less than that contained in an original In the above table we give the previous price of manufacturing purposes in parenthesis, from will be seen that for Muscovado (moist) and rades, there is a decline for manufacturers from to 110s. per cwt. In other classes in the table e rise to makers is 10s. per cwt.

NAL is about 2s. per lb. cheaper, importers offer to 49s. per lb., according to quantity.

IC ACID is cheaper, with powdered offering at 10d. to 3s. 11d. per lb., and crystals at from 4s. 3½d.

TINE.—The recent renewed tightness in our would at no distant date give way to an easier although offers of near delivery depend partly tments to be made from the American seaboard, e uncertain. The railroad difficulties, on the e, have interfered with the movement of naval action by buyers has been deferred as much e. It is interesting to hear, however, that the receipts of the new crop, coupled with the unmoved owing to the hold-up of transport, have stocks on hand considerably over the end of last The generally warmer nights reported from the e had the effect of increasing the flow of the and the receipts of the new crop have grown eately. Those following the market closely pre-

diet a continuance of these conditions for possibly several weeks, with resulting lower prices, particularly for the spot and near future deliveries. Spot (London) prices have declined about 22s. per cwt. on the week, closing on Wednesday evening at 178s.

VALERIAN.—For prompt shipment from Belgium 170s. to 175s. per cwt. is quoted, landed London, according to quality.

VANILLIN has been selling a little more freely, and 79s. per lb. is wanted for pure.

WOOD OIL is offered at from 120s. to 135s. per cwt., the latter for best Chinese.

Essential Oils Market.

IT IS BELIEVED in some quarters that the favourable decisions arrived at Lympne with regard to the payment of France's war debts are responsible for the improvement in the French exchange. As there still appears to be little change in the attitude of buyers there are no appreciable fluctuations in spot prices of essential oils. In some quarters the opinion is held that the present is a favourable time for replenishing stocks, as the easier prices now ruling are not, contrary to popular belief, regarded as precursors of a general decline, and it is confidently anticipated that a fair demand would result in an immediate rise. There are, however, the weightier considerations of dear money which prevent operations on any important scale. There has been good business in gingergrass this week, and higher prices are being asked. Bay, petitgrain, and vetiver are firmer and in fair demand. Caraway is again easier, and lemon is a stagnant market, spot holders being inclined to accept still lower offers. Lemongrass is somewhat easier, and the decline in Japanese oil of mint has not yet been checked. Fair arrivals of synthetics are reported, but prices continue to fluctuate considerably, and dealers are still harassed by delays in delivery and products of doubtful purity. Amyl salicylate is easier this week, and methyl anthranilate appears firmer, although parcels may still be bought at the rates previously quoted. Holders of coumarin can be found who will sell at below the market quotations; terpineol shows some signs of hardening.

ANISE, STAR, remains quiet, with spot sellers of "Red Ship" brand at 4s. 6d. per lb.

Bay is firmer at 30s. to 32s. per lb.

BERGAMOT is steady at the source at 35s. to 37s. per lb. c.i.f. for 37-38 per cent. l.a., and for spot from 35s. to 36s.

CAJUPUT.—Large spot stocks are said to be available at 3s. 9d. per lb.

CAMPHOR is unchanged at last week's quotations. Attention is again called to the fact that the extra cost of repacking in drums insures against considerable loss from leakages. Original containers as a rule arrive badly damaged and unfit for further transport.

CARAWAY is weaker, and 10s. 6d. to 11s. per lb. is quoted at the source for crude and 11s. to 11s. 6d. for rectified. The spot prices are about 1s. per lb. higher.

CITRONELLA.—Ceylon is unchanged at 3s. 4d. to 3s. 8d. per lb. in large drums, and Java is 5s. 6d. to 5s. 8d. per lb.

CLOVE.—English distilled is offered at 18s. per lb.

CORIANDER of good quality is offered in one direction at 10s. per oz. prompt shipment ex Continent.

EUCALYPTUS is dull, with B.P. oils offering at 3s. per lb., and for Tasmanian, 70 per cent., 2s. 9d. is quoted.

GERANIUM is quoted at 40s. to 45s. per lb. for Algerian and 42s. to 45s. and upwards for Bourbon on spot; forward offers are higher.

GINGERGRASS is dearer. At primary sources there appears to be little on offer, and several spot holders are asking 20s. per lb. for "insoluble." Offers are still being made at 18s. 6d., however, but sellers at this price may soon be off the market.

LEMON is lower. There is little demand, and from 8s. 6d. to 9s. per lb. is quoted on spot.

LEMONGRASS is in fair demand at 1s. 2½d. to 1s. 3d. per oz. It is stated that the shipping season is over for three months.

LINALOE (Mexican) is offered at 35s. to 37s. per lb. for spot. The *Port Bowen* has brought 25 cases to London.

MINT.—Japanese dementhrolised is about 9d. per lb. lower on spot, with sales of Kobayashi-Suzuki at 9s. to 10s.

ORANGE on spot is steady for Sicilian in the neighbourhood of last week's prices, but 52s. per lb. has been paid. West Indian sweet is quoted at 35s. to 40s. per lb., and business has been done at 37s. 6d. Bitter is quiet at 30s. per lb.

ORIGANUM.—A parcel of 63 drums arrived this week via Egypt, but was sold to come forward. For Cyprus oil 14s. per lb. has been quoted in one direction.

OTTO OF ROSE is weak, and the highest spot price at present quoted (65s. per oz.) is said to represent approximately the distillers' cost at the Bulgarian source.

PALMOSA is scarce at 25s. to 27s. per lb. on spot, and forward prices are lower.

PEPPERMINT, so-called Wayne County, is obtainable at 42s. per lb. spot in one direction.

PETITGRAIN, Paraguayan, is firmer on spot at 30s. to 32s. 6d. per lb. To arrive is offered at 28s.

ROSEMARY is scarce, with spot prices steady at last week's quotations; to arrive Spanish is offered at 6s. 9d. per lb.

SANDALWOOD.—West Indian is offered on the spot at 40s. per lb.

SPIKE—French is steady at 16s. per lb.

VERVET, Bourbon, is firmer, and from 55s. to 60s. per lb. is quoted on spot, but business has been done at less.

AMYL SALICYLATE is easier on spot at 10s. to 12s. per lb. AUBEPINE is obtainable at 37s., to 40s. per lb. BENZALDEHYDE f.c. is offered at 7s. 6d. per lb. The spot price of CINNAMIC ALCOHOL is about 100s. per lb. COUMARIN is offered at 32s. 6d. to 37s. per lb. for genuine crystals on the spot. Spot supplies of DIPHENYL OXIDE are obtainable about 14s. per lb. EUGENOL on spot is easier, 50s. per lb. being about the price; ISO-EUGENOL at 43s. to 45s. per lb. For IONONE, May-June shipment offers are made about 130s. per lb. LINALOL shows considerable variation, 60s. per lb. being quoted for good quality. Inferior grades are obtainable down to 52s. METHYL ANTHRANILATE is firmer at 42s. 6d. to 45s. per lb. METHYL BENZOATE (Niobe oil) is quoted at 10s. per lb. in one direction. MUSK AMBRETTE of good quality is difficult to find at 325s. to 360s. per lb. on spot; XYLOL is firm on spot at 46s. per lb. for cwt. lots; KETONE is nominal at 100s. upwards. PHENYL ACETIC ALCOHOL is quoted at 120s. per lb. PHENYL ETHYL ALCOHOL is offered on spot at 100s. per lb. for high-grade quality. TERPINEOL is now being delivered in fulfilment of contracts made several months ago at low rates. When these run out higher prices are probable, so the present is said to be a favourable time to purchase. Spot prices range from 6s. 6d. to 7s. 6d. per lb. Among the arrivals this week the following are mentioned: Benzaldehyde, 279s.; benzyl benzoate, 60s.; bromostyrol, 330s.; coumarin, 175s.; geraniol, 165s.; geranium oil (Fr.), 114s.; heliotropin, 150s.; methyl antranilate, 75s.; methyl salicylate, 1,110s.

Canada's Essential Oil Industry.

A new Canadian industry has been established at Deseronto, Ontario, by the Quinte Chemical Co., Ltd., who have undertaken the manufacture of juniper oil and cedar oil. Juniper is widely distributed throughout Canada from the Great Lakes to the Rockies and beyond them.

Arrivals of Drugs, Chemicals, etc.

The following products have arrived at the ports named:

London (May 10 to 18).	Potash salts: (Antw.), 100 bgs. 14 cks.
Chemical products, etc.: (N.Y.) 93 pkgs., (Swe.) 18 cs., (Germ.) 69 cs., (Holl.) 66 cs., (Antw.) 20 cs.	Quinine (Holl.), 46 cs.
Acetic acid (Holl.), 20 cks. 25 cts.	Saccharin (Chi.), 11 cs.
Argol, (Sic.) 423 bgs. 172 cks., (Sp.) 104 ks. 764 bgs., (It.) 79 cks., (Fr.) 254 bgs.	Saltpetre, (R'dam) 60 kgs. 20 bgs. (E.I.) 3,523 bgs.
Arsenic, (Fr.) 13 cks., (Holl.) 70 cks.	Soda acet. (Fr.), 28 cks.
Barium diox. (Germ.), 141 drms.	Soda benz. (Germ.), 34 cks.
Barytes, (Sp.) 2,000 bgs. 784 brls., (R'dam) 228 cks., (Belg.) 800 bgs., (Germ.) 885 cks.	Soda hypnosulph. (N.Y.), 560 kgs.
Benzoin acid (Germ.), 23 cks.	Sulphur, (It.) 200 bgs., (Sic.) 2,150 bgs. 1,630 sks. 268 brls.
Bromides: ammon. (Germ.), 10 cs.; potash, 10 cs.	Tartar, (Germ.) 34 brls., (It.) 200 bgs., (Sic.) 16 cks. 276 sks., (Moroc.) 59 bgs., (Sp.) 181 bgs. 1,014 bgs. 16 cks., (Fr.) 154 bgs., (Gre.) 51 bgs.
Caffeine (Germ.), 6 cs.	Tartaric acid, (It.) 759 cks., (Holl.) 30 pkgs.
Calc. tart. (Sp.), 342 bgs.	Zinc oxide, (Antw.) 169 brls., (N.Y.) 160 brls.
Cinchonine (Germ.), 6 cs.	Cloves (Jv.), 69 bgs.
Citric acid (Sic.), 250 cks.	Drugs, crude, etc.: herbs. (Trieste) 27 bgs., (Germ.) 10 bgs., (It.) 25 cs.; leaves, 3 bgs.; roots, 70 bgs.
Corrosive sublimate (It.), 10 cs.	Aloe (E.I.), 7 cs.
Formic acid (Holl.), 36 cs.	Benzoin (Straits), 170 cs.
Magnes. chlor., (Antw.) 30 eks., (Germ.) 48 brls.	Calumba (E.I.), 497 bgs.
Mercury, (Trieste) 200 botts., (It.) 50 cs., (Holl.) 90 botts.	Canagria root (N.Y.), 17 bgs.
Methyl alcohol (Halif.), 126 drms.	Cannab. Ind. (E.I.), 100 bgs.
Oxalic acid, (N.Y.) 13 cks., (Antw.) 5 eks., (Holl.) 10 pkgs. 40 eks.	Cardamom (E.I.), 76 pkgs.
Paraldehyde (Halif.), 24 cs. 8 pkgs.	Cashew nuts (E.I.), 126 cs.
Pot. chlorate (Swe.), 20 kgs.	Cassia fistula (W.L.), 21 bgs.
Pot. pruss., (Antw.) 5 eks., (Fr.) 17 eks.	Cinchona, (E.I.) 59 bgs., (Holl.) 50 bgs.
Insect flowers (Trieste), 56 bgs.	Cod-liver oil, (Norw.) 345 brls., (Holl.) 100 cs.
Insect powder (It.), 11 cs.	Cuttlefish bone (E.I.), 140 bdls.

Lemon peel (Sic.), 23 bgs.
Liquorice root (Sic.), 66 bgs.
Liquorice paste (Sic.), 210 cs.

Nux vomica, 3,065 bgs.

Opium, (Smry.) 10 cs., (Tky)
49 cs.

Orange peel (Sic.), 17 pkgs.

Orris (It.), 438 cks.

Patchouli leaves (Penang),
20 bgs.

Rhubarb (Chi.), 76 cs.

Rosemary (Trieste), 10 cs.

Sage (Trieste), 185 bgs.

Sarsaparilla (N.Y.), 20 bgs.

Seneca (Alex.), 36 bgs.

Stavesacre (Bar.), 10 bgs.

Tamarinds (Cal.), 65 cks.

Turmeric (E.I.), 36 bgs. 300
bgs.

Valerian (N.Y.), 56 bgs.

Witch hazel (N.Y.), 10 brls.

Dye products, etc.:

Aniline (Ostend), 179 pkgs.

Lithmus (R'dam) 3 cks.

Gums, resins, etc. (E.I.), 485
cs.; acacia, (E.I.) 32 bgs.,
(P. Sudan) 2,687 bgs.; copal,
(Manila) 74 cs., (Antw.)
174 bgs., (Holl.) 76 pkgs.;
cutch, (E.I.) 500 bgs.;
damar (Holl.), 52 cs.;
karaya (E.I.), 150 bgs.;
lac: shell (Cal.), 150 pkgs.
30 chts.; myrrh (E.I.), 10
bgs. 90 cs.; obikanum (E.I.),
188 cs.; resin, (U.S.) 1,503
brls., (Fr.) 50 cks.; tragacanth,
(E.I.) 27 pkgs.,
(Tky) 2 cs.

Honey (Aust.), 1,724 cs.

Lime juice (W.L.), 478 pkgs.

Oils, essential: (Messina)

86 pkgs. 55 x 2/3 cs.

35 cs., (It.) 4 cs., (N.Y.)

26 drms. 10 cs.; bay (W.L.)

5 cs.; cinnamon (E.I.), 2 cs.;

citronella (Cochin), 23

drms.; eucalyptus (Aust.),

197 cs. 6 drms.; gingergrass

(E.I.), 6 pots; lemon (Sic.),

10 cs. 100 x 1/2 cs. 100 pkgs.;

lime (W.L.), 103 pkgs.;

linaloe (N.Y.), 25 cs.; pal-

marosa, (E.I.) 8 pots.,

(N.Y.) 4 erts.; rose,

(Trieste) 12 cs., (E.I.) 9

pots; sandalwood (E.I.), 186

cs.; turpentine, (Antw.)

140 brls., (Fr.) 1,300 cks.,

(U.S.) 5,150 brls., (Swe.)

25 cks. 31 drms. 60 brls.

Olive oil (Bari), 10 brls.

Petroleum jelly (N.Y.), 579

cs. 100 brls.

Spices: arrowroot (W.L.)

1,825 brls.; cinnamon, (Cey-

lon) 13 bgs., (Cal.) 160

bgs.; cloves (Penang), 10

cs.; mace (Penang), 20 cs.;

nutmegs (Penang), 20 cs.;

pepper (E.I.) 196 bgs.

Tanilla (Aust.), 83 cs.

Waxes: beesw. (Algiers) 31 hrs.,

(E.I.) 305 bgs., (It.) 25 hrs.

carnauba (N.Y.), 455 bgs.

cereosine (Germ.), 120 bgs.

paraffin, (U.S.) 2,804 bgs.

(Germ.) 50 hrs. 820 eks.,

(E.I.) 2,688 bgs.

Liverpool

(May 10 to 17).

Chemical products, etc.:

(Belg.), 119 eks.

Acetic acid (N.Y.), 332 drms.

68 brls.

Ammon. phosph. (Antw.),

18 eks.

Barytes (Holl.), 90 eks.

Calc. acet. (U.S.), 186

Calc. tart. (Fr.), bgs.

Formaldehyde (U.S.),

Naphthalene (N.Y.), 17

Naphthol (N.Y.), 17

Nitrate (Chi.), 169

Phenol (U.S.), 126

Potash (Holl.), 44

Soda caustic (N.Y.)

Soda chlorate, 18

drms., (Fr.) 100

Soda hyposulphite

176 cks.

Tartar, (Fr.) 48

19 brls.

Zinc oxide (Fr.), 21

Drugs, crude, etc. (as

(Holl.), 790 bgs.

(Mollendo) 129

700 bgs.; coca

brls.; jaborandi

66 bgs.; opium (U.S.)

47

quillaja (Chile) 47

sarsaparilla (Col.)

Tonka beans

42 cs.

Dyes: aniline (N.Y.)

hematin cryst.

114 brls.

Glycerin (It.), 20 c.

Gums, resins, etc. (W.

10 bgs.; copal (H.

10 bgs.; copaiba

brsks., (Antw.) 67

etech (Holl.), 20

dammar (Jv.), 100

resin (Fr.), 100

Honey (S. Amer.)

4 brls.

Oils, essential: can

(N.Y.), 5 brls. citron

(Jv.), 48 drms. lime

(Fr.), 6 eks. lime

(U.S.), 172 brls.

Olive oil (Sp.), 40

Waxes: carnauba (A.

1,338 bgs.; par.

250 bgs., (Cal.) 67

brls. petro

jelly (N.Y.), 20

prussiate (Fr.) 14

potassium (Holl.) 18

resin, (Fr.) 10

140 eks.; sal

(Holl.), 49 eks. turp

(Swe.), 25 eks.; x, par.

(N.Y.), 102 eks.;

brls.

Manches

(May 10 to)

Acetic acid (N.Y.) 90

Aniline dyes (N.Y.) 20

8 brls. 404 os.

Antimony salts (F.

Formaldehyde (E.

brls., 46 eks.

Lemon oil (Sic.)

10 bgs.

Liquorice juice (S.

10 bgs., 4 b.

Methyl violet (N.

10 bgs.

Pot. pruss. (Fr.)

10 bgs.

Soda pruss. (N.Y.)

34 drms.

Sulphur (Sic.), 42

brgs.

Tartar emetic (N.

34 cs.

Wax, paraffin (N.

497

solvent

THE Federation of British Industries has oppose by all means in its power any suggestion to levy on so-called war wealth.

ARSENITE OF SODA (says "The Times" The Sup-
ment) is now being offered in South Africa to the Austra-
prices which compare favourably with those
British makers.

AN AMENDMENT to the Customs tariff of the old C
adds drugs and medicinal preparations for the me be
on the official list of the British Pharmacopeia to the C
of articles which may be imported into the C
duty.

man Drug and Chemical Markets.

ble to present this week some interesting points market report of a leading Hamburg wholesale. In the introductory remarks prefacing its this firm states that in its last report, issued end of March, it was already able to inform its a decline in prices, particularly for chemicals, nt. In the meantime there has been a general es, not only in drugs but in many other raw such as skins, timber, rice, spices, and even in d goods. In view of the general disinclination coupled with the desire shown by many sp: cealise their stocks at any price, this decline pear to have reached its final stage. In conse: ce improvement in the rate of exchange, which continued, the quotations on the German markets approximating those of the world's markets in New York, and as soon as the resulting adjustmen fully attained it will be possible to reckon stable market conditions. Although the indi: nant must suffer losses through the general fall nevertheless the resulting rapid elimination of is who by their undertakings had for many ed busines to assume a speculative and unwell: ter, is to be counted a gain, and we may expect sole situation will in a few weeks or months ore solid and satisfactory character. However, lose sight of the fact that also in London, once ding city where drugs are concerned, excessive at present rampant to an unparalleled degree, tion alone is to blame for the enormous losses holders of shellac and other similar articles, ace time were made the objects of specu: fluctuations in the price of shellac, from 150 a kilogram, are unparalleled even in the product. Although some articles, particularly pharmaceutical crude drugs, are only slowly decline in prices, there is still the possibility g at below those quoted in the list, espe: ying in large amounts. The following quota: marks per kilo.:

in, in original cases, spot, m.26; for May 5; in quantities, m.24 per kilo. gross, 12 per

The price of Japanese refined slabs has ed from m.500 to m.350. The latest cables however, notify considerable firmness. We uses of 45 kilos. at m.350; in broken bulk at o.

—Crystals, free from lead, m.165; for smaller 150 kilos., m.170 n.t. exclusive.

ite, in single cases, is m.58; for five to ten at m.55.

YSTR.—Kobayashi and/or Suzuki is m.1,600. For prompt delivery from abroad Ph. Germ. 5 kilos. are available at m.1,900 per kilo.

n amounts of 5 kilos., is m.2,350 per kilo.; for he price is m.2,400.

TABLE).—Japanese of first quality in ten-case 20; five cases at m.30; in single cases at m.32 ported under licence and duty paid.

IRK.—About 1,000 kilos. are available at m.32.50 per kilo.; May shipment at m.28 to m.30.

quotations for pharmaceutical chemicals are wing to the fact that in addition to quoting or the home market, the prices charged to

s-i.e., for export—are also stated:

	Home Market	For Abroad
	Mks.	Mks.
le, Ph. Germ. V.	95	120
lyclic acid	165	225
y (original)	450	550
tablets, m.475; powder....	460	550
pure	1,050	1,075
at, 100 per cent.	825	—
yl netetramine	285	—
none	210	—
on	460	550
halein	220	290
bromide cryst. or		
iodide	60	75
V.	500	650
sulphoguaiaolate Ph.	385	—
V.	490	550
acid, Ph. Germ. V.	85	100
Germ. V.	190	240
Ph. Germ. V.	1,225	1,300

The Sugar Problem.

In November last we intimated that the retail price of sugar this year would exceed 1s. per lb., so that the an: nouncement that the price of granulated is to be 1s. 2d. need cause no surprise. This advance is based on the report of the Select Committee on National Expenditure, which states: "In order to avoid any loss to the State on the Sugar Commission's transactions for the current financial year, it is estimated by the Commission that if the price charged manufacturers continues to be based, as at present, on current market prices, the retail price to the domestic consumer would have to be 1s. 3d. per lb. This price is based on the assumption that the average cost of supplies for the year April 1, 1920, to March 31, 1921, will be approximately 1s. 1d. per lb., including duty, to which must be added the sum of 2d. per lb. to cover the costs of distribution. The present retail price to the domestic consumer is 10d. per lb. If this price is continued the Treasury will be compelled to face, on the operations of the current year, a deficit on account of the Sugar Commission on the existing basis of consumption of not less than 20,000,000. In making this estimate due allowance has been made for the presumption that sugar will continue to be sold to manufacturers by the Sugar Commission on the present basis." With reference to the quotations for sugar that we publish as received from the Royal Cem: mission on the Sugar Supply from time to time, it may be pointed out that the prices and terms quoted are the prices fixed by the Royal Commission and charged to the first: hand dealers, and form the basis controlling the prices to be charged by the various suppliers. The 1 $\frac{1}{4}$ per cent. represents the wholesalers' profit. Any carriage incurred if for the buyer's account, and where the wholesaler has to break bulk to supply small quantities, he is entitled to make a reasonable charge for so doing. These points should be taken into consideration and allowances made accord: ingly before complaining about being overcharged.

Prices of Ground Basic Slag, 1920-21.

The Ministry of Agriculture and Fisheries and the Board of Agriculture for Scotland have come to an agreement with the makers of ground basic slag with regard to the maximum prices to be charged in the season 1920-21. These prices are the maximum net cash prices for ground basic slag in maker's 2-cwt. bags, delivered in railway truck or free ex barge or ship at purchaser's or consumer's railway station or wharf in Great Britain, or, in the case of shipments to Ireland, the Channel Islands or the Isle of Man, carriage paid to station at port of shipment in Great Britain. They are as follows:

Percentage (calculated in terms of tribasic phosphate of lime) of total phosphates	Price per ton
12 per cent. and over, but less than 14 per cent.	82s.
14 " " " 16 "	89s.
16 " " " 18 "	96s.
18 " " " 20 "	103s.
20 " " " 22 "	110s.
22 " " " 24 "	112s.
24 " " " 26 "	115s.
26 " " " 28 "	118s.
28 " " " 30 "	121s.
30 " " " 32 "	124s.
32 " " " 34 "	127s.
34 " " " 36 "	131s.
36 " " " 38 "	135s.
38 " " " 40 "	139s.
40 " " " 42 "	143s.
42 " " " 44 "	147s.

The above prices apply to England, Scotland, and Wales, but not to Ireland, and are maximum prices for sales for delivery between September 1, 1920, and March 31, 1921. In the case of sales for delivery during June, July, and August, 1920, the maximum prices for all qualities will be less than the prices set out above, in accordance with the following table—namely:

Period for Delivery	Reduction in the maximum prices set out above
During June 1920.	4s. per ton.
July 1920.	3s. per ton.
August 1920	2s. per ton.

The other conditions of sale remain substantially the same as in the 1919-20 season, with the exception of slight variations in the amounts of the various allowances or additional charges authorised by the notice F.P. 493/S.I. for the 1919-20 season. Full particulars will be given in a notice which will shortly be issued, and which will be obtainable, post free, on application to the Director-General, Land and Supplies Department, Ministry of Agriculture and Fisheries, 72 Victoria Street, London, S.W.1.

D D



The Council Election.

SIR.—May I, through you, thank all the 2,852 electors who voted for me at this election? I feel it is a great triumph for the principle of pharmacy undiluted, and it is that of which, as chairman of the By-law Protest Committee, I am most proud. The number of congratulations are so numerous that I cannot reply to them individually, but they will understand.

6 Chriss Street, Poplar, E.

A. R. KEITH.

SIR.—While criticism may not necessarily call for a reply, I infer that "Xrayser II." is inviting an explanation when he tells me he does not quite understand the words "self-contained," in my reference to the Local Associations Executive. That is another matter, and I am always willing to explain any statement of mine which may seem involved, though nothing "subtle" was intended by my words. Curiously enough I used them—as I thought—for the sake of clarity. Provided that he does not misunderstand me, "Xrayser II." may replace them by the words "an independent body"—if these convey more to him—though I like them less. I like them less because there is an element of danger in them, owing to the projected outcry for "an independent trade union of employers," apart from, and in addition to, the Local Associations Executive; which I believe to be both unnecessary and inadvisable. If expedient—and the result of the test case will determine the position—the severing of any connection which might be found calculated to restrict the activity and power of the Local Associations Executive should be as feasible as it would be sensible. In other words, I believe the Local Associations Executive itself—reconstituted if necessary—can act efficiently as a thoroughly representative trade union of employers; and I am of the opinion our position would be weakened, rather than strengthened, by the setting up of an "outside" body; since disintegration lies that way far more surely than the "splitting of the Society from top to bottom" which would follow the desire of the Council to preserve as close a union of interests as possible. Until someone is able to prove to me that disunion is stronger than unity my opinions remain unaltered. Were Mr. Fullerton's opinions based on actual facts, were it correctly representing the position to suggest that the present Council is endeavouring to transform the Society into an employers' association and use the subscriptions of non-proprietors for that purpose, then I should be the first to admit he had made out a case. The Local Associations Executive is not the Society, or I should not be a candidate for election to-day. The Local Associations Executive is a committee elected by employer pharmacists alone, it is financed by contributions from employer pharmacists only, and it is not using the subscriptions of non-proprietor pharmacists for any purpose whatever. "Xrayser II." believes I am too favourably inclined towards the Local Associations Executive. He will not forget I am a member of the Local Associations Executive, and, consequently, able to speak with something more than "outside" knowledge. Further, as he gives me credit for being honest, he will realise I should not defend, or even remain a member of, any committee of questionable morality.

Yours faithfully,

CLEMENT W. RIDYARD.

The Venereal Disease Act

SIR.—When the Venereal Disease Act was first passed I pointed out that when chemists were debarred from giving simple recommendations many persons would not seek medical aid on the discovery of the first symptoms, and that this would lead to extending rather than curing the evil. I see now, under "Westminster Wisdom" (C. & D., May 15, p. 52), that this is exactly what has

happened, and there is a movement on foot to amend the Act so as to allow pharmacists to sell, with approved disinfectants. Before the Act was passed men who had incurred a risk of infection would go to a chemist with a view of obtaining information, a few simple remedies, when they would never have seen a doctor or a hospital, and the chemist in most cases recognised that the infection was serious, would and persuade the customer to go for medical advice, thus taking the complaint at the commencement. Offenders were very few and practically negligible, any event the sufferer did get reliable advice, relying on haphazard information from friends who had been in a similar predicament. But now many who have any untoward symptoms cannot get independent advice, and as most of them look on attendance at a hospital as a very formal affair and an ordeal to be avoided, they let the symptoms run on until they are serious, and the result is that the number of cases increases rapidly. Let us hope that saner counsels will prevail, and a suitable amendment be added to the Act, to give a good example of panic legislation.

Yours faithfully,

CHARLES H.

The Outlook in the Drug-trade.

SIR.—Your correspondent "David" (C. & D., May 15, p. 75) says that one of the reasons why chemists remain assistants is that with a comfortable little responsibility they are quite satisfied. But it is always the question of afterwards, which will or later arise in the mind of even the most experienced men. What will he do in old age, what will he do in case of incapacity through accident or illness? Will he do if he marries and acquires a family? Will he do if his employer retires or sells the business? All these things must present themselves to a man as he grows older and views life from a different point from that of a younger man. The elderly man reminds one of the dead donkey: has anybody ever seen one, where do they go to when they get to old age? Do their grateful and generous employers provide for them off with a liberal allowance to enjoy a comfortable, or perhaps, like "Jay Mack's," famous, old age? Do they retire on the thousands they have saved, and live happily ever after? Why, if a man could save a thousand pounds by qualifying at twenty-one, and then at the age of fifty-one retire on £1. a week for a fair income in a country place. When he reaches the age of fifty-one, he will be a burden to the numerous pharmacies he is acquainted with, and it will be difficult to remember that they die off in middle age without the hope of struggle, or else become incapable and finish up in the workhouse infirmary. So, now, as men over sixty, let us know how, when, where, and when they manage to carry on. Yours faithfully,

NEARLY THERE (1901)

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and notes on business and practical topics, especially new

Removing Letters from Windows.

Mr. Samuel Carter, pharmacist, 27 Market Place, Bridlington, writing in regard to an inquiry about the means of removing letters from window (C. & D., May 1, p. 100), says he successfully and easily removes them by placing a hot plaster iron on them. The heat of the fixative, and the letters dropped off.

Tinct. Benz. Co.

Mr. P. Hawkins, Bridlington, secretary of the Riding Chemists' Association, writing in regard to the recent prosecution of a local chemist for the sale of unguent friars' balsam (C. & D., May 1, p. 69), says he has been in touch with the chemists against supplies of "modified" tit-balsam, which he finds is still being sent out by a wholesale house.

Warning.

Thomas, Ph.C., 97 High Street, Marylebone, W., informs us that a woman, who describes herself as a nurse, is obtaining large quantities of morphine tablets from chemists by a trick. She is about 5 feet tall, fair, rosy complexion, wears gold-rimmed spectacles, and hands in a prescription marked "to be repeated" for six tubes each of morphine (gr.) and heroin (1/4 gr. or 1/8 gr.), signed "A. D." She states that she has just come up from a cancer case, and has taken rooms near the station. An order is given at the same time for gauze, and bandages, which are to be sent to her, when payment is promised. On the plea that she and heroin tablets may get into other hands, she is allowed to take them with her. When the order is taken to the address given, all know the person ordering the goods is disclaimed. The game is played on more than one London chemist, and the chemist upon whom it is attempted should inform the Metropolitan Police, Marylebone Lane Police Station, and it is out for the woman's arrest.

A Chemist's Experience.

J. Gamlen, West Hartlepool, writes: I wonder if your extraordinary experience will be of interest to your readers? A few days ago, having occasion to call at a customer who is residing upon a farm near by in Yorkshire, I motor-cycled there. Not knowing whereabouts, I called at a solitary farmhouse on the way, and at the same time partook of a meal. I got into conversation with the old farmer, and didn't appear conscious that there had been a "Great War," and that prices were different. I received of these farmer people a very small sum for a few coppers, and of course they must be paid. I told the farmer that my lungs were affected, and he promptly told me that I didn't believe in the new-fangled methods of cures—a teaspoonful of ordinary washing soda upon the tongue every morning before breakfast would all lung troubles away, as it had done for him. Furthermore, a saucerful of slugs, eaten alive, kept a man fit and well—they gobbled him up!" The doctors were so fond of telling him this that he gathered a saucerful himself off the ground and gobbled them up himself, and they were gone. And, judging from his appearance, he seems to have been on this diet and firmly believed that a man needed a parcel of washing soda and plenty of it in his medicine chest to be quite independent of a doctor or chemist.

Legal Queries.

Co. (205/21).—Menthol cones are usually made of menthol, so as to come within the "entire" drugs of the Medicine-Stamp Acts. Menthol is a drug in the meaning of the Sale of Food and Drugs Act.

(9/5).—By the regulation as to students of pharmacy it is first passed, practical training in pharmacy have commenced until after registration, but no modification was made which extends the period of training from July last will count. Notify the Registrar when registering.

J. (12/5) was called before his local Profiteer-tee and ordered to refund 2d. upon the sale for which he charged 1s. 6d. He succeeded in the Appeal Tribunal, which held that the charge had been made. The proceedings "W. W. H." nearly 20.; has he any claim against the local Committee. ["W. W. H." has no claim against the local Committee.]

T. B. (19/4) refers to the paragraph in the *C. & D.*, April 17, dealing with the rebate on spirit used in tinct. zingib., and asks if we can give him any further information on the subject of the rebate, and more especially how it is obtained. "T. B." makes his own tincture, which is used for the sole purpose of flavouring drinks. [Unless the tinct. zingib. is used solely for medicinal purposes no rebate is claimable. The use of tinct. zingib. for the purpose of flavouring beverages is not a use which would entitle any rebate to be claimed on the spirit used in the manufacture. "T. B." will find the subject of rebates dealt with further in this week's *C. & D.*]

Sarsa (10/5) proposes taking his son into partnership soon, and wishes to know whether in making his return for excess profits duty he is entitled to deduct a salary of, say, 6d. a week for each, as in the case of employees of a limited company. [Profits for the purpose of this duty are calculated in general on the same principles as in the case of income tax, and in computing profits for income tax on a firm no deduction is allowed for any sum paid as salary to a partner. The Commissioners of Inland Revenue have, however, power to allow something for expenses of management when assessing excess profits duty in special circumstances, and it might be worth while asking for the allowance.]

Moses (12/5) wishes to know what figure he ought to return as his profits for income tax in the following case. For the year 1918 his net profit was 200*l.* and his stock stood at 500*l.* For the year 1919 his net profit was 150*l.*, but the stock was 650*l.* [The return for income tax would have to show the average profits for the three previous years based on a cash account, and in making out this account regard would have to be had to any change in the value of stock, such as "Moses" shows. An increase in the value of stock within the tax year for which the account is made out has to be added to the taxable profits, and a decrease in the value of the stock is allowed as a deduction from profits.]

Branch (17/3).—The manager of the branch pharmacy must be a qualified man whose certificate must be exhibited in the shop. The position of an unqualified manager does not exist if the shop is conducted to comply with the Pharmacy Acts. The manager of the branch would come under the manager's scale of pay, which at the present time is for the first six months 6*l.* 10*s.*, with an agreed percentage on net profits. After six months 7*l.* weekly. Several company branches are paying 7*l.* 10*s.* to 8*l.* 10*s.*, the scale depending on the percentage on profits. Unqualified men are being paid from 4*l.* 10*s.* to 5*l.* 10*s.*, according to experience and ability. Where a house is found, the rent deducted should be the average amount that a man in the position of manager is likely to pay.

J. M. (10/5) has bought his two shops for 2,000*l.* and wishes to raise 1,500*l.* on mortgage. He proposes to invite his customers to lend him sums of 10*l.*, 20*l.*, 50*l.*, or 100*l.*, issuing to each a "mortgage note or bond," of which he sends us a specimen. The document is framed upon the lines of a share certificate, and is worded as follows: "This is to certify that A has lent to me —l. at 5 per cent. interest as a mortgage upon the property of my two shops Y and Z, which I agree to repay on three months' notice." "J. M." asks whether the scheme would be legal, and what stamp duty would be payable upon each note or bond. Can we suggest a simpler means of raising the money? [The scheme is not illegal, but it is quite impracticable, as obviously no customer would advance money upon the terms proposed, which offer no sufficient security, either as a legal or even as an equitable mortgage. It is possible that if the "notes" were given under seal, and stamped as mortgages according to the amount advanced, an enforceable charge might be created; but there are serious objections with regard to priority and notice to earlier encumbrancers. "J. M."s best course is to raise the necessary funds on mortgage in the ordinary way.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

H. W. W. (6/5).—ANTISEPTIC SHAVING BLOCKS are made by melting together alum and boric acid, but there is an art in producing a transparent preparation.

W. S. T. (22/4).—METOL-QUINOL DEVELOPER.—The usual concentration for this is 1 in 2 :

Metol	...	35 gr.
Sod.um sulphite	...	2 oz.
Quinol	...	50 gr.
Sodium carbonate	...	1½ oz.
Water to	...	20 oz.

Dissolve in the order given. For use, mix with an equal part of water.

Jacobus (5/5).—The disinfectant you send is of the liquid cresol saponatus type, and is suitable for adding to water to make a cleansing fluid for use in hospitals, etc. We are unable to give the details as to price in large quantities. This you could obtain by asking for tenders.

E. C. T. (13/4).—RED TICKET-WRITERS' INK.—This appears to consist of a preparation of Brazil wood and alum in association with a somewhat large proportion of gum. It is the large amount of gum that causes the ink to dry glossy.

Beacon (24/4).—POWDER FOR WENS OR WARTS ON ANIMALS.—This powder appears to consist of a mixture of white arsenic and an inorganic powder composed probably of iron oxide and alumina. The proportions are approximately six of arsenic to one of the inert powder.

F. R. (5/2).—HONEY AND FLOWERS.—See *C. & D.*, 1919, p. 556.

Apprenticeship (16/2).—APPRENTICES' WAGES.—The scale of pay ruling for three years' apprenticeship is as follows : 25s., 30s., and 35s. a week respectively. Registration as a student of pharmacy should take place before apprenticeship.

W. L. L. (5/3).—ASSISTANTS' SALARY.—The present rate prevailing for a qualified assistant living out varies from 100s. to 120s., according to experience. In certain cases the sum is 130s. to 140s. weekly.

H. B. (59/25).—WOMEN ASSISTANTS' WAGES.—We presume the class of assistant you refer to is that which came in during the war and is not taking up the practice of pharmacy with the object of qualifying. You do not mention age or experience. An improver after three years' apprenticeship receives 45s. a week, 50s., 55s., and 60s., according to age and experience.

A. S. (15/1).—LABELLING TINS.—The difficulties met with in causing labels to adhere to tin surfaces have been overcome by several methods. (1) *Preparing the Surface of the Tin* : The suggestions are to roughen the surface with sandpaper, to varnish it first, to clean off grease with alkali or benzine, or use a substratum consisting of gelatin 1 part in acetic acid 4 parts. (2) *Additions to the Label-paste* : When any of the foregoing methods are used ordinary shop-paste may be employed or the gummed label merely moistened with water. To the ordinary paste additions such as butter of antimony and alum are advised, but the objection is that these act on the tin and cause rust, and consequent staining of the labels. (3) *Special Adhesives* : Among these are (a) sodium-silicate solution thinned to the consistency of thin syrup; (b) solution of resin 2½ oz. in methylated spirit 20 oz.; (c) rye-flour paste, which has greater adhesive power than paste made with ordinary flour; (d) pastes containing a fair proportion of honey, with or without some balsam of fir or Venice turpentine.

J. E. H. (3/5).—SILVERING GLASS.—The following simpler method than that given in the *C. & D.*, p. 100.

Catechol	...	1 part
Water	...	15 parts

Add to silver nitrate solution (14 per cent. with slight excess of ammonia) 25 parts. On adding the nitrate solution a mirror is formed immediately complete in a few minutes.

D. G. W. (60/4).—WOMEN ASSISTANTS' WAGES.—You do not state your present age, so it is only possible to give you the rate payable on the supposition that your years' apprenticeship began at sixteen years of age, the subsequent two years as improver. You do not also whether you are a registered student and are qualifying, or are an unqualified assistant who is proceeding to qualify. If your age is twenty-one, the wage being paid now for women with your experience, unqualified, is 50s. a week of forty-eight hours. The wage and object of the training you have received would probably bring you within the 60s. scale. The *London* 31-33 High Holborn, London, W.C. 1, has sections which you could belong to.

Poor Law (16/2).—POOR-LAW DISPENSERS.—The removal of the limitations in the scale of pay for poor-law dispensers on the same footing as other apothecaries. The standard rate for your grade in the tail from 6*l.* 10*s.* to 8*l.* 10*s.*, depending on the present profits, experience and ability. The rates in various institutions vary according to experience in junior and dispensers, 200*l.* to 250*l.*, according to year in chief, 300*l.* to 450*l.*, with a few exceptions so higher. In two London Poor-law establishments the is 30*l.* for forty-four hours, with 7*s.* 6*d.* per hour in special clinics.

C. R. (13/5).—CREME DE MENTHE.—The following is the formula to which you refer :

Peppermint oil	...	5 <i>fl. oz.</i>
Fresh mint leaves	...	3 <i>lb.</i>
Alcohol, 90 per cent.	...	Ov.
Sugar	...	Ibij.
Water to make	...	Ovi.

Dissolve the oil in the alcohol, add the mint leaves and macerate for a few days. Add some sugar and macerate again. Finally, filter on to the sugar and make up to measure.

W. F. (6/3).—DOCTORS' DISPENSERS.—The pay for dispensers, qualified and unqualified, for doctors. Qualified, over five years' experience, 105*s.* weekly; five years, 100*s.*; unqualified, over five years, 8*s.*

Retrospect of Fifty Years.

Reprinted from "The Chemist and Druggist," March 1919.

The Council Election.

We do not imagine that any metropolitan medical or dental Society would object to four-fifths of the twenty-one being occupied by "provincials," provided the work of the Society could be efficiently performed by so constituted. He would refer to the *Journal* to see if it showed a regular attendance of former provincial councillors, and would find to be expected, that those who can accomplish the journey London and back with facility in one day are frequently; not so those who have to give up two whole days for this purpose. Judging of the past, and supposing the Council constituted as indicated above, can we fairly expect two-thirds of the provincial councillors to attend every monthly meeting? Can we hope to secure the presence of one-third of the members, which the late President told us rather more than one a week? If not, either the members of the Society will come to a deadlock or the minority will have much more influence than before.

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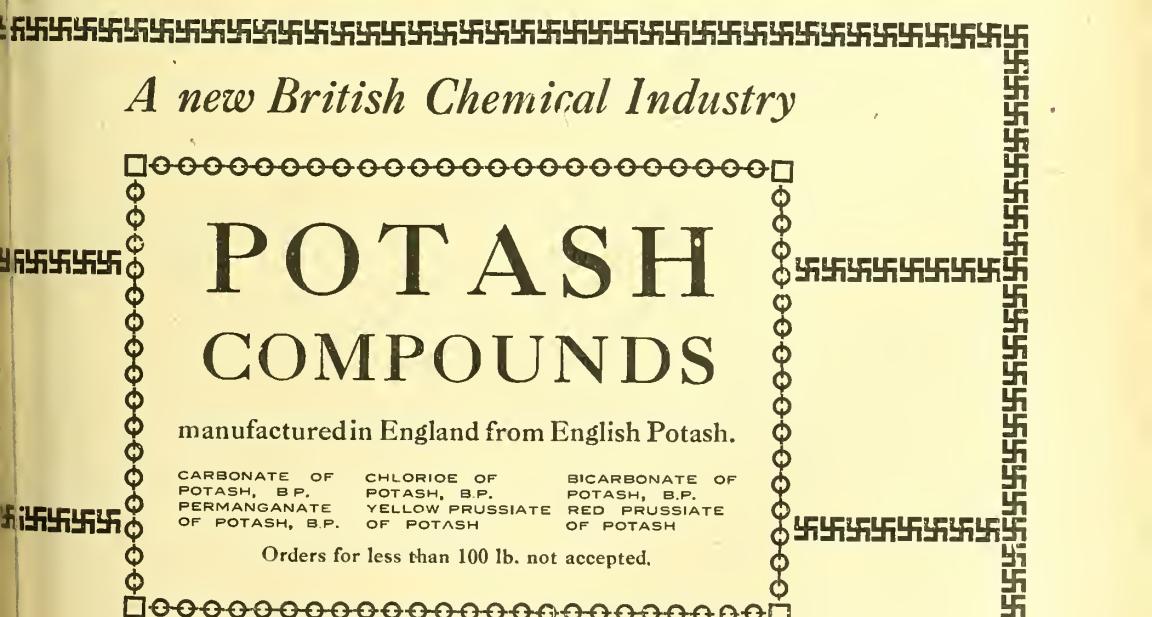
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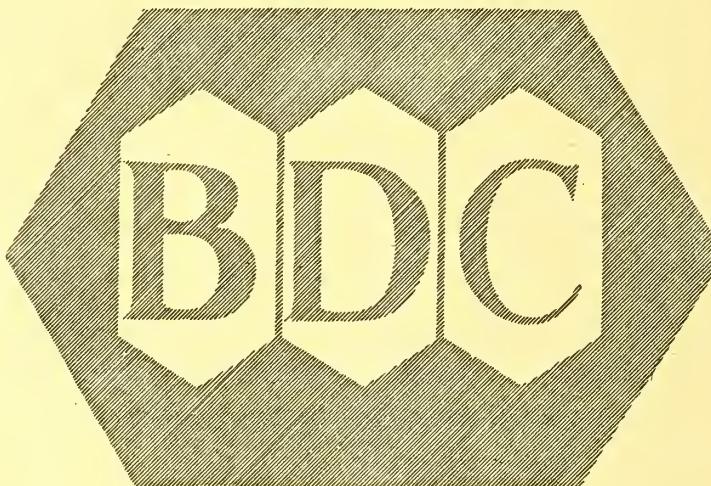
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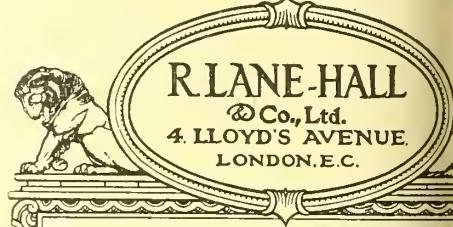
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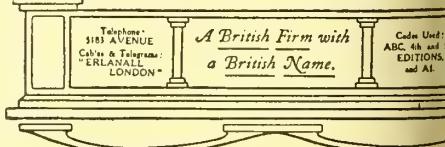
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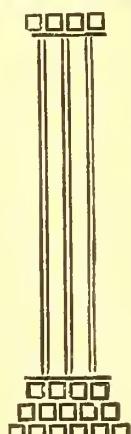
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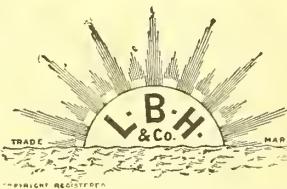
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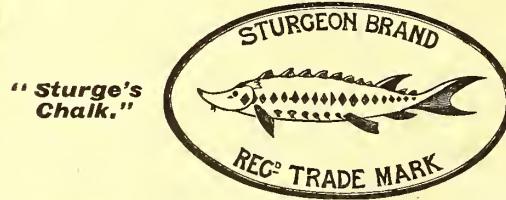
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Camphor, English Flowers, "not artificial" 5 lbs. @ 16/- lb.; 1 oz. or 1 cwt. 7 lbs. @ 16/6 lb.

Dec. Aloes Co. Conc. 1-2, 6 lbs. @ 3/3 lb.

Sneezecro. 6 lbs. @ 1/11 lb.

Cinchona (Rubra) Conc. 1-7, 6 lbs. @ 4 lb.

Fol. Senna (Tinnea), 1 cwt. @ 7/6 lb. 7 lbs. @ 1 lb.; 7 lbs. @ 1/5 lb.

Fuller's Earth, fine powder or lump, 5 cwt. 13/- cwt.; 1 cwt. @ 14/-

Liq. Ammoni. Acetatis Conc. 1-7, 6 lbs. @ 2/- lb.; 1 lb. @ 2/4 lb.

" Ammon. Aromat. 6 lbs. @ 1/2 lb.

" Ani. Chl. Pur. 8 lbs. @ 1/- lb.

" Arsenicalis, B.P., 7 lbs. @ 5d. lb.; 1 lb. 9d. lb.

O. Ani.-I. E. 66 lbs. @ 6 2 lbs. 16 8 lbs. @ 6/6 lb.; 4 ½ lbs. @ 6/1 lb.; 1 lb. @ 7/2 lb.

Potass. Cblor. Puly., 7 lbs. @ 1/6 lb.

Potass. Cit., B.P., 7 lbs. @ 6/- lb.

Sodii Salicyl. 2 lbs. @ 4/8 lb.

Spt. Alber Nit. P. B., 4½ lbs. @ 6/- lb.

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Syr. Scilla, P.B., 7 lbs. @ 1 6 lb.

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Tinct. Nuci Vom., B.P., 5 lbs. @ 4/9 lb.

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Tinct. Quinlnæ Amm., B.P., 5 lbs. @ 5/- lb.

Ung. Sulphuris, B.P., 28 lbs. @ 2/1 lb. 7 lb. @ 2/2½ lb.

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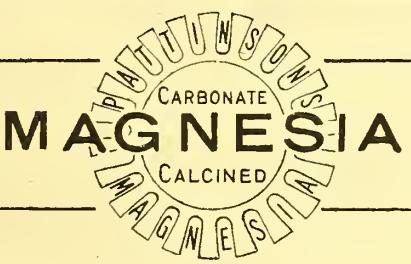
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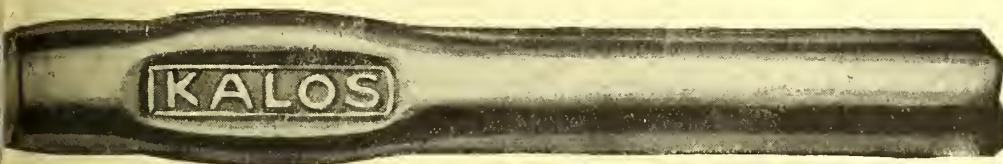
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100's	200's	500's	Per 1
8/-	16/-	40/-	45/-
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Castara Tablets, gr. ii, pearl-coated, per 1000, 5/-; in cartons			
25's, 2/-; 50's, 3/9; 100's, 6/9 per doz.			
In bottles 3/-			
50's, 5/-; 100's, 8/6 per doz.			
Formalin Tablets, contains 3 gr. Paraformaldehyde, per			
screw-cap bottles, 50's, 7/6 per doz.			
Bismuthated Magnesia Tablets, per lb. 3/3; in screw-cap boxes			
8/- per doz.			
Pine Tablets, 2/3 per lb.; 2-oz. cartons, 3/9 doz.			
Sulphur Tablets with Cream of Tartar, 2/- per lb.			
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Paper, Double Demy, 22 $\frac{1}{2}$ x 35, 24/- per ream.			
" Nature Brown Cap, 18 x 28, 7/- per ream.			
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Acid Tartaric	Paraff. Liq.	Paraff. Liq.	2/-
Pulv. or Xtal. P. B. 4/3	Sodii Salicvl.	Sodii Salicvl.	4/-
Cream of Tartar 99% P. B. 3/-	Camomile Flowers	Camomile Flowers	10/-
Acid Citric	P. B. 6/-	Senna Pods	10/-
Magnes. Carb. Pond. P. B. 1/5	"	STICK JUICE 2 oz.	10/-
"	Levis P. B. 1/-	STICKS, PL	4/-
Naphthaline Marbles	8d.	French Chalk Pulv.	5d
Magnes. Calc. Levis P. B. 2/6	"	Genuine Caraway Seed	10/-
Am. Gum Acacia, Powd. Elect. 3/6 lb.	Sorts 1/3 and 2/- lb.	"	10/-
Tragacanth, Powd. Elect. 18/- lb.	Pot. Brom. Howards' 5/- lb.	"	10/-
Sod. Brom. Howards' 5/- lb.	Pot. Ammon. Howards' 5/- lb.	"	10/-
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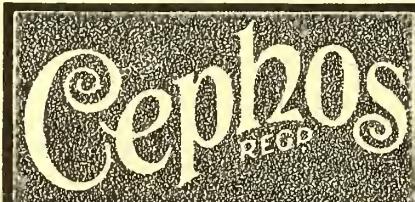
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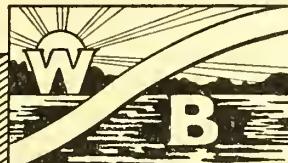
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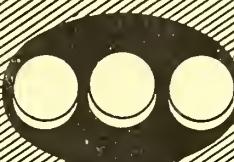
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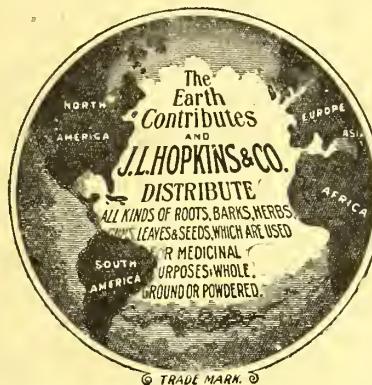
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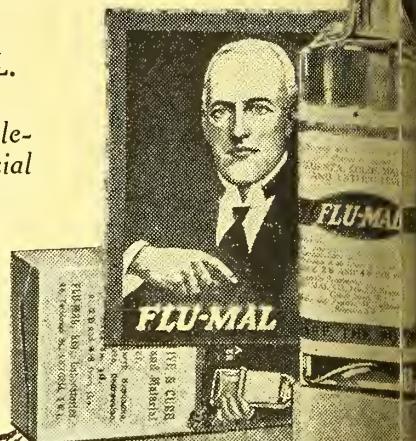
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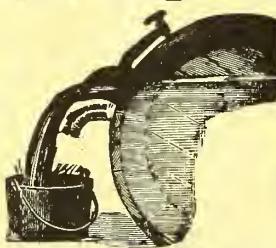
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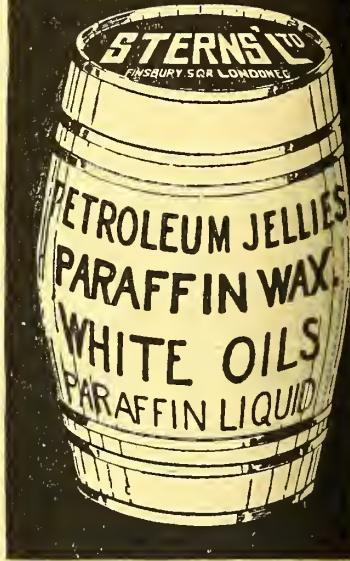
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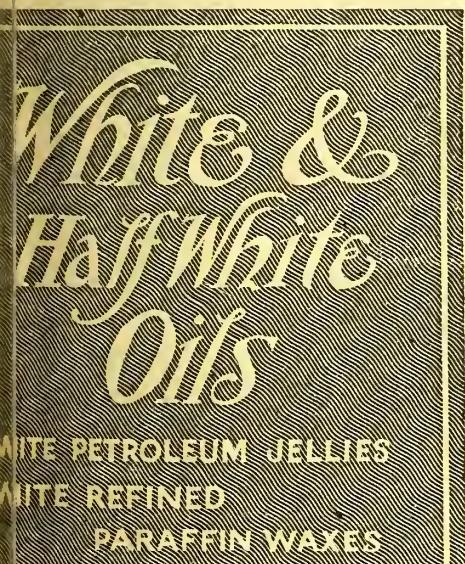
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"Abdine" is the most popular Health Drink, superior to all
Waters. Sold in Packets, 2d. each.

Wholesale Prices on application. Sample Box 1/6.
D. McCLASHAN, M.P.S., Abdine Works, Westfield Road, EDINBURGH.

PIPES AND SMOKERS' REQUISITES

Price Lists on Application.

HARWOOD BROTHERS.

BRIAR PIPE MANUFACTURERS,
8/20 Richmond Street, LIVERPOOL.



MALT & COD LIVER OIL

Prepared only from the Finest East-Coast Barley, combined
with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lb. Neatly Labelled
and Wrapped. Customer's Name printed on Labels for Orders of 1 Gross and upwards.

Telephones:
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(3 lines).

PERRY & HOPE, Ltd.

Telegrams:
"Perryope, Nitshill."
"Perryope, Ltd., London."

NITSHILL, near GLASGOW.

London Office: 1 LEADENHALL STREET, E.C.3.

TELEPHONE: 787 TRAFFORD PARK. TELEGRAMS: "STEVENUT MANCHESTER."
CONTRACTORS TO H.M. GOVERNMENT.

G. STEVEN & CO.

Wholesale Chemists & Drug Grinders,
CORNBROOK STREET & CHORLTON ROAD,
MANCHESTER.

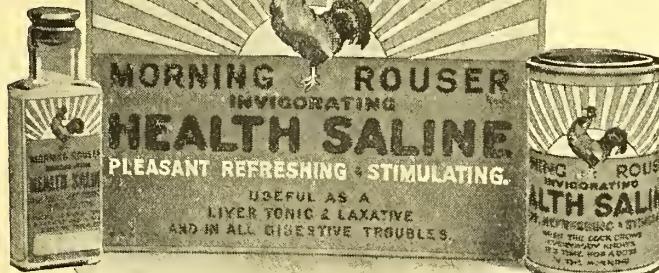


FOR SULPHUR TABLETS.

A Granular Saline,
sugar sweetened,
pleasant, refreshing
and effective.

PRICE.

8/- per dozen tins.
16/- " " bottles
6 oz.



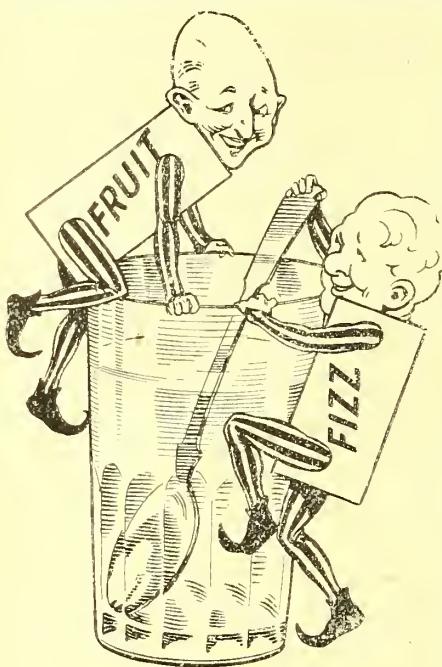
FOR MORNING ROUSER

1/- 2/- 3/- 4/- 5/- 6/- 7/- 8/-

This Showcard, lithographed in three colours
is supplied with all orders.

Prices for large quantities
on application.

1/- 2/- 3/- 4/- 5/- 6/- 7/- 8/-



Hurry up, Mr. Retailer!

"There is such a demand for us that we are going to be THE big thing in Summer Drinks. So lose not a moment, but see that

Quencholeen Lemonade

'The perfect Summer Drink'

is immediately written down on your 'wanted urgently' order list.

'We are attractive alike to customer and retailer. To the former we are an unexcelled beverage—to the latter a sure seller and profit-builder.

"So hurry up, Mr. Retailer! There's over 50% Profit for y.u. We'll keep your cash-till ringing!"

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Selling Agents for England, Ireland & Export:
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LOSALL'S SALT

SELLS FREELY & READILY

PAYS 50% ON OUTLAY

An Infallible
Remedy for
GOUT,
RHEUMATISM,
ECZEMA,
and
SKIN
AFFECTIONS.

P.A.T.A. Doz.
4 oz. Tins 1/- 8/- net
8 oz. Tins 1/10 15/- "
Bottles 2/6 20/- "

The only line of its kind on the market.

SOLD
EVERYWHERE.



Manufactured by
LOFTHOUSE & SALTMER, Ltd., HILL

Extract of Malt

and

Cod Liver Oil

IN BULK, JARS OR TINS.

Prices on application.

THE
BRITISH DIAMALT CO.
BISHOP'S STORTFORD.

Proprietors { H. A. & D. D. TAYLOR
H. D. & C. T. TAYLOR

100

—The Record Sale for
G. O. Lemonade in one
Pharmacy in 1919 totalled
upwards of £100 : 0s. : 0d.

Mr. C. H. Bartle, S.E. 16 (SCOUTMASTER) writing us on April 26, 1920, says, "In reference to G. O. LEMONADE: It is the best of its kind I have ever come across for Camp purposes. Had I known of it years ago my great difficulty of Camp Drinks would have been overcome."

G. O. LEMONADE

No Sugar Required. Sells on its Merits. The Profit is Good.
BONUS PARCELS.

The two following suggested BONUS PARCELS comprise all the Sizes and show you a clear Profit on Turnover of over 33½ per cent.—

No. 1 Parcel—	£ s. d.
1 gross 2d. =	0 17 6
9 dozen 3½d. =	1 2 6
1 dozen 1/3 =	0 10 6
	£2 10 6

No. 2 Parcel—	£ s. d.
½ gross 2d. =	0 8 9
7 dozen 3½d. =	0 17 6
1 dozen 1/3 =	0 4 6
2 dozen 1/3 =	1 1 0
	£2 11 9

(1 dozen 6½d. free in payment for display.)

Sent Carriage Paid direct for Cash with order, or through your Wholesale House.

THE GREENWICH LEMONADE CO.,

11 JOHN PENN ST., LONDON, S.E. 13

(J. Milner, M.P.S., Proprietor).

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PURE ORANGE WINE MILLAR & CO., LTD., DUBLIN

Prepared in strict accordance with the Formula of the British Pharmacopœia. (Wholesale only)

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Telephone: 138 Pendleton. ESTABLISHED 1855. Telegraphic Add.: "Champagne Manchester."

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CONCENTRATED WATERS

Aqua Amygd. Amar. Conc. (U.S.)

„ Anethi Concent.
„ Anisi „
„ Camphoræ „
„ Caryophyl „
„ Carui „
„ Cinnam. Ver. Conc.

Aqua Cassiæ Conc.

„ Flor. Aurant. Conc.
„ Sambuci Conc.
„ Fœniculi Conc.
„ Menth. Pip. Conc.
„ „ Ang. Conc.
„ „ Virid. Conc.

Aqua Pimentæ Conc.

„ Pulegii „
„ Rosmarini „
„ Rosæ „
„ „ Virgin Cono.

WHOLESALE TERMS ON APPLICATION.

Robinson's Concentrated Waters are stocked by all the best known Drug Houses. Chemists are advised to get into direct communication should they experience difficulty in obtaining them. They are unsurpassed by any other make.

STANDARDISED Customs drawback on Export Orders now allowed. Inquiries solicited, which shall have TO B.P. 1914. prompt attention. Samples Free to the Trade.

NOTE.—These ORIGINAL Concentrated Medicinal Waters (1-40) still maintain their foremost position. REFUSE ALL SUBSTITUTIONS OR IMITATIONS

Four bottles of Osmos FREE!

As a part of the great Osmos advertising campaign now in operation throughout the country, and as a special inducement to chemists to secure the utmost benefit from the rapidly growing demand for this British Medicinal Water, the proprietors offer FOUR BOTTLES FREE to chemists ordering one dozen. The condition is that Osmos is displayed in their window until their order is sold. Retailers who are displaying Osmos greatly appreciate the concession and are benefiting accordingly.

Osmos retails at 2/6 (P.A.T.A.)

Osmos The
Great British
Aperient Water

Trade Terms :
22/- per dozen bottles
Carriage Paid.

Osmos, Crown Wharf,
Hayes, Middlesex,



Saint-Raphael

Tonic, Restorative,
Digestive Wine.

Known throughout the World,
and prescribed in all cases of
ANÆMIA, DEBILITY, and CON-
VALESCENCE, to Young Women,
Children and the Aged.

DOSE: One Wine-glass after the
two principal Meals.

Recommended by—
PROF. BOURCHARDAT, Professor of Hy-
giene, Paris Faculty of Medicine.
DR. MCNAUGHTON JONES, London,
England.

"For more than thirty years St. Raphael Wine has been exclusively prescribed, with success, in the Paris hospitals as a pure tonic, by eminent physicians, such as Magendie, Rostan, Chomel, Velpeau, Requin, Monneret, Trouseau, Grisolle, Laennec, &c."—*Union Médicale*, May 8 and June 12, 1873.

"The Vin de St. Raphael is often used for ladies nursing their own children; it is preferable to stout, which creates an unhealthy fat."—*The Lancet*, London, England.

"St. Raphael Wine is most precious in all cases where it is necessary to give tone to the system, without effort or shock."—DR. C. DES BARRES.

Cie du VIN SAINT RAPHAEL, Valence, Drôme,
FRANCE.

To be obtained from all
Wholesale Druggists.



The Value of "Vin-Sanguis"

is recognised by the private practitioner, the nurse in the army doctor, as well as by the general public.

It is a blend of the choicest imported old mellow Wine with pure Meat Juice and Malt Extract.

Widely advertised and a ready seller; bearing a good profit to wholesaler and retailer.

Retailed at 3/- and 5/6 per bottle.

Write for particulars.

Include "VIN-SANGUIS" in your next UCAL OR

DR. HALE'S
VIN-SANGUIS
WINE FOR THE BLOOD

TRANS-CONTINENTAL AGENCIES LTD.

Proprietors of Dr. Hale's "Vin-Sanguis" Co.,

14 Southampton Street, Strand, London, W.C.2



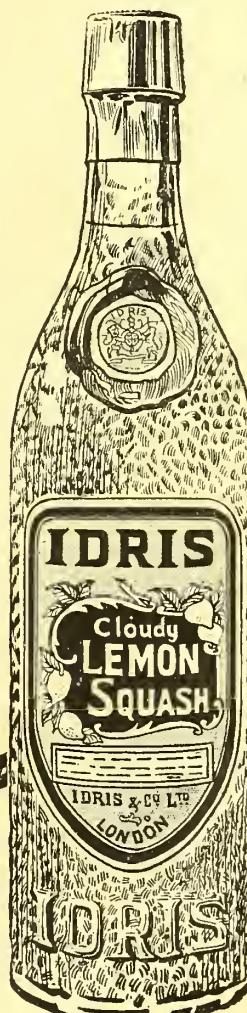
HELP YOURSELF

to your share of the business by supplying Idris Lemon Squash and Idris Lime Juice Cordial. Our big publicity campaign is having the desired effect in assisting sales wherever these beverages—fresh, healthful, and of delicious flavour—are stocked. Remember the name Idris guarantees the quality.

1920 Terms, etc., on application.

Communications to the

Sales Manager, Dept. K. 2.
IDRIS & CO., Ltd.,
Camden Town, LONDON, N.W.1.



Mustard?

—Yes! **RIGOLLOT'S**
Mustard Leaves

for Plasters.

The original and only genuine.

Of all Chemists and Stores in

7d. & 1/- packets & 1/7 tins.

67 Southwark Bridge,
LONDON, S.E.



"NORVIC" CRÉPE BANDAGE

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.

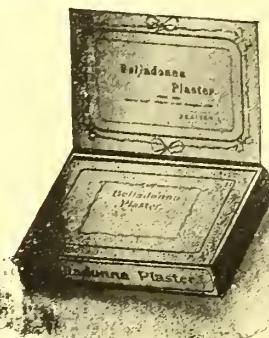
Extremely Elastic, but contains no Rubber.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandages containing wool, will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out or ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers—

The NORWICH CRAPE CO. (1856) Ltd. (ST. AUGUSTINE'S) SILK MILLS, Norwich, Eng.

Provincial Selling Agents, **Freese & Moon, Ltd.**, 58 Bermondsey Street, London, S.E. 1. London Buyers can obtain samples & prices from **Mr. T. Eastaway**, London Representative, 7 Wool Exchange, E.C. 2.

"Comfy for the
Night."



Belladonna Plasters. Breast Plaster.

Attractively wrapped, best quality, readily saleable.

Breast Plasters are shaped and have small unperforated margin.

ZÖPLA (Zinc Oxide Plaster) in small attractive tins in three colors.

Also on spools and in rolls. *The most popular Strapping.*

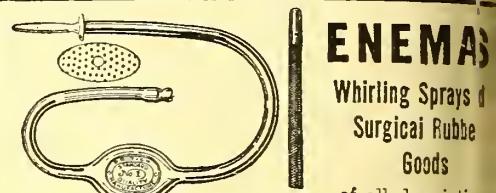
Strengthening, Corn and Bunion, Mustard, Rubber Adhesive, Holland Strapping, Plumbi Base, and all other Plaster.

HELVIA CRÉPE BANDAGES.

Write for complete List.

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LESLIES, LTD., 62 London Wall, London, E.C. 2.



ENEMA
Whirling Sprays
Surgical Rubber
Goods

of all descriptive

Wholesale only. Prompt delivery.

Manufactured by

THE BRITISH RUBBER MANUFACTURES, LTD.

Offices: 161 New Bond St., London, W.1. Works: Agnes Works, Agnes Road, Acton, W.3.

Sole Agents: H. & W. GREER, LTD., Greer House, MOORFIELDS, LONDON, N.1.

BATHING CAPS

Rubber, Helmet Shape, Stockinette Band, 26/8.

Circular 16/8

Fancy Patterns 14/-, 16/-, 21/9, 28/-, 31/6, 40/-.

GALEN MANFG. CO., LTD.

Wilson Street, New Cross, London, S.E. 14.

For GUARANTEED

ATOMIZERS and SPRAS

THE DEVILBISS CO., LTD.,
71 NEWMAN STREET, LONDON, W.1.

Te thought behind the
tube—

“the patient
on the table”



is “good enough,” but the best from every point—alone assures that degree of “Catgut” demanded when the patient on the table is one of my own family.”

Only on this peculiarly personal basis is

“AN HORN” CATGUT

supplied to the Profession.

AN HORN Obstetrical Suture
(Chromic Gut)

AN Lubricating Jelly
An Ideal Emollient.

AN Analgesic
The Greaseless Anodyne.

Johnson & Johnson,
An Horn & Sawtell Depart.
New Brunswick, N.J., U.S.A.

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HN TIMPSON & CO., LTD.
Golden Lane, London, E.C. 1.

COMPRESSED MOSS

SPHAGNUM.—The Turf Moss is the most absorbent and generally useful surgical dressing. It absorbs twenty times its weight of moisture.

As compressed by us in sheet form it is pre-eminently convenient. The sheet may be used as it is, or loosely crushed and placed in extemporaneous muslin bags.

The moss in this form swells up the moment the moisture comes in contact with it, and the dressing so formed is *resilient, spongy, and comfortable* to the patient.

Being compressed, it is ideal for storage and transit.

SAMPLES AND PRICES AT YOUR DISPOSAL.

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10 New Cavendish Street, London, W.

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THE HEALER

The Liquid Antiseptic
Court Plaster

OF ALL CHEMISTS

Bottle Post Free on Receipt of

1/- now the KUTSEAL Co. LTD.

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BLACKPOOL



Wholesale Price
1 1/6
per doz.

Carriage paid
on orders of 10/- upwards

2½% discount
for cash
in seven days

Sole Makers:
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ONLY. MANUFACTURERS OF

Established
1901

Surgical Dressings,

Absorbent Lints, Bandages,
Cotton Wools, Gauzes. &c.

Samples and prices on application.

VERNON & CO., LTD., Peawortham PRESTON.
Also 9 Fore Street Avenue, LONDON, E.C.

Branch Works—Waterford Mill, Heap Bridge, BURY.

Mustard?

—Yes! **RIGOLLOT'S**
Mustard Leaves

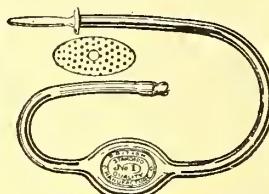
for Plasters.

The original and only genuine.

Of all Chemists and Stores in

7d. & 1/- packets & 1/7 tins.

67 Southwark Bridge,
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ENEMAS

Whirling Sprays
Surgical Rubber
Goods

of all descriptions

Wholesale only. Prompt delivery.

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Fancy Patterns 14/-, 16/-, 21/9, 28/-, 31/6, 40/-

GALEN MANFG. CO., LTD.

Wilson Street, New Cross, London, S.E. 14.

For GUARANTEED
ATOMIZERS and SPRAYS

THE DEVILBISS CO., LTD.,
71 NEWMAN STREET, LONDON, W.1.



"NORVIC" CRÉPE BANDAGE (REGD.)

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.

Extremely Elastic, but contains no Rubber.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norwich Crepe Bandages containing no rubber provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly dressed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers—

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London Buyers can obtain samples & prices from **Mr. T. Eastaway**, London Representative, 7 Wool Exchange, E.C.2

"Comfy for the
Night."



Belladonna Plasters. Breast Plasters.

Attractively wrapped, best quality, readily saleable.

Breast Plasters are shaped and have small unperforated margin.
ZOPLA (Zinc Oxide Plaster) in small attractive tins in three colors.

Also on spools and in rolls. *The most popular Strapping.*

Strengthening, Corn and Bunion, Mustard, Rubber Adhesive, Holland Strapping, Plumbi Base, and all other Plasters.

HELVIA CRÉPE BANDAGES.

Write for complete List.

WHOLESALE ONLY

LESLIES, LTD., 62 London Wall, London, E. 2.

The thought behind the tube—

“the patient
on the table”



not “good enough,” but the best from every point—alone assures that degree of “Catgut” demanded when the patient on the table one of my own family.”

Only on this peculiarly personal basis is

“AN HORN” CATGUT

supplied to the Profession.

AN HORN Obstetrical Suture
(Chromic Gut)

LY Lubricating Jelly
An Ideal Emollient.

LY Analgesic
The Greaseless Anodyne.

Johnson & Johnson,
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New Brunswick, N.J., U.S.A.

Agents:
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4 Golden Lane, London, E.C. 1.

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SPHAGNUM.—The Turf Moss is the *most absorbent* and generally useful surgical dressing. It absorbs twenty times its weight of moisture.

As compressed by us in sheet form it is pre-eminently convenient. The sheet may be used as it is, or loosely crushed and placed in extemporaneous muslin bags.

The moss in this form swells up the moment the moisture comes in contact with it, and the dressing so formed is *resilient, spongy, and comfortable* to the patient.

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W. MARTINDALE

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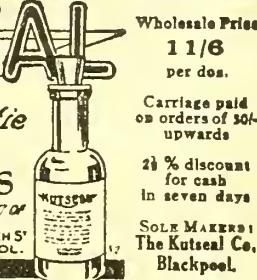
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London” (3 words).

Telephones:
Gerrard 4688;
Paddington 1797

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THE HEALER
The Liquid Antiseptic
Court Plaster

OF ALL CHEMISTS
BOTTLE POST FREE ON RECEIPT OF
1/-
FROM THE KUTSEAL CO., 153 CHURCH ST., BLACKPOOL.



Wholesale Price
1 1/6
per doz.

Carriage paid
on orders of 30/-
upwards

2½% discount
for cash
in seven days

SOLE MAKERS:
The Kutseal Co.,
Blackpool.

LONDON AGENTS:
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WHOLESALE
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Surgical Dressings,
Absorbent Lints, Bandages,
Cotton Wools, Gauzes. &c.

Samples and prices on application.

VERNON & CO., LTD., Penwortham Mills,
Also 9 Fore Street Avenue, LONDON, E.C.
Branch Works—Waterford Mill, Heap Bridge, BURY.

CYNTA MFG. CO.

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STOCKPORT.

Works:
ST. THOMAS PLACE,
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Summer Season
1920

BATHING CAPS

Oiled Silk, in a variety of colours and unique trimmings.

Per Box of 1 dozen *assorted* 24.-INFANTS' WADERS

WATERPROOF, WITH ELASTIC WAISTBANDS.

No. 181 Check Sheeting	...	...	...	...	doz.	25.
.. 182 Cream Colour Batiste	...	...	...	..	"	32 6

WITH SHOULDER STRAPS.

No. 179 Check Sheeting	...	...	...	...	..	37 6
.. 180 Cream Colour Batiste	"	45.

SPONGE BAGS

CHECK SHEETING.

Nos. 1	6.	7.	8 6	10.	12 6	doz.
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COMPRESSED SANITARY TOWELINES

Size 1. 18. Gross.

Size 2. 22 6 Gross.

Order Early.

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EDWARD MACBEAN & Co., Ltd.

Manufacturers of Oil-proofed Cloths of every description.

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**VULCANITE
TOUCHE
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(Sets of three parts)

Whirling Spray Canules

(Best French Make).

are obtained from stock at very reduced prices from

RENÉ HEYMANS

9/10 DOMINGO STREET
el.: CITY 3765. (36 OLD ST., E.C. 1)

Also in stock :

BNE SOOTHER MOUNTS

SHIELDS

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CHAP NAIL FILES and CLIPPERS

AFETY RAZORS and BLADES

TOOTH BRUSHES, &c. &c.



FOOT TROUBLES

such as Corns, Bunions, Callous on the Sole, Flat Foot, Cramped Toes, &c., are increasingly prevalent owing to unaccustomed War Work.

**D'Scholl's
Foot Comforts**

are the result of years of experience devoted to the treatment of Foot Ailments by Dr. Scholl, and are to-day recognized as the most perfect corrective devices on the Market. They are in constant demand, and all Chemists will find it profitable to stock them.

Send for Wholesale Price List.

THE SCHOLL MFG. CO., GILISPER ST., E.C.

BEST ENGLISH MAKE

SEA-TANGLE TENTS

(Laminaria Digitata)

For dilating the OS and CERVIX UTERI.

Quotations wanted for
SEA WEED RODS
per ton.

Manufacturer: E. BRASSE,
Culvert Works, Culvert Road, South Tottenham, London, N.15.

Just Arrived.

A Limited Consignment of
THE

“PORTIA”

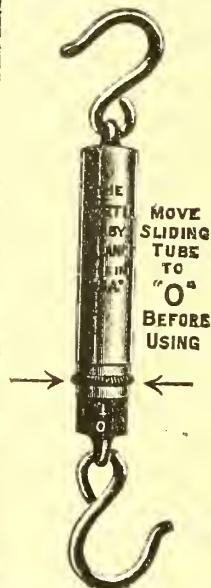
(Regd.)

NET WEIGHT

Baby Balance

Weighs up to 15 lb.

Price	Retail
30/- dozen.	3/6 each.



Owing to restricted imports this line has been off the market for some time, and we think that many friends will be glad of the opportunity of renewing their stock.

SOLPORT BROS., Ltd.

184 to 190 Goswell Rd., London, E.C.1.

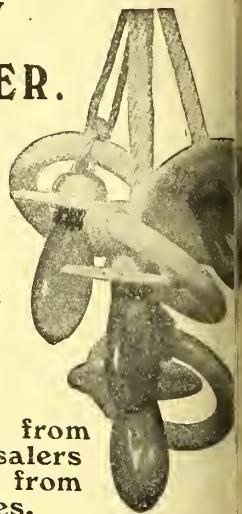
Obtainable through all Wholesale Houses.

The “EVERSAFE” BABY PACIFIER.

Patented
Everywhere.

Present rates:—

No. 2	4d. line 2/9	doz.
2C	6d. ..	3/2 ..
2E	6d. ..	3/4 ..
3	7½d. ..	4/8 ..



Obtainable from
all Wholesalers
or direct from
Patentees.

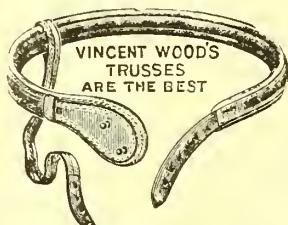
Sample Order, Three Dozen Assorted.

Send 10/6, post free.

F. SCHUTZE & CO., LTD.,
Black Bull Works, London, E.C.1.

VINCENT WOOD

For British Made



Trusses, Belts,

Suspensories,

Elastic Hosiery,

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Appliances.

Purchase no German
Goods, and from
British Firms only.

Victoria House, 91/93 Newington Causeway, LONDON, S.E.

GOOD SELLING LINES, GOOD PROFITS,
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FEET PLAISTER AND POWDELS

STOCK IS RETURNABLE AT ANY TIME FOR
ANY REASON, AND FULL PRICE REPAID.

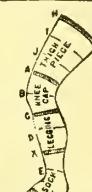
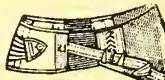
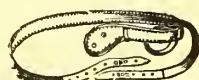
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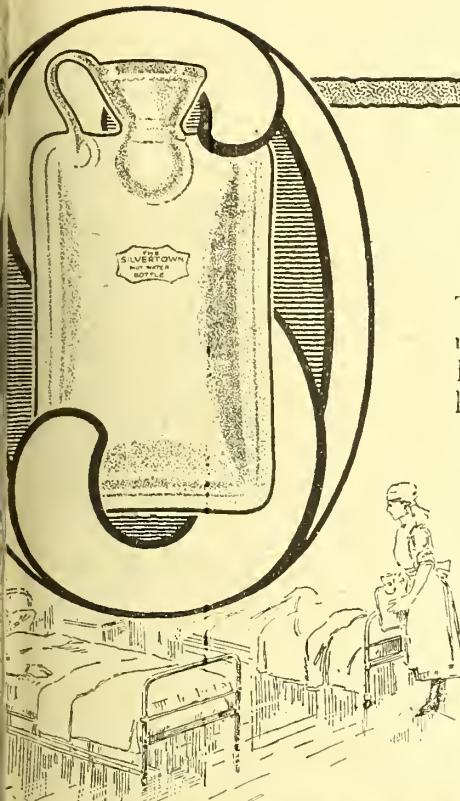
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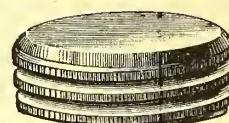
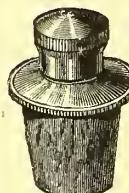
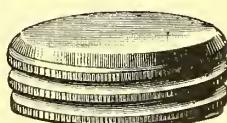
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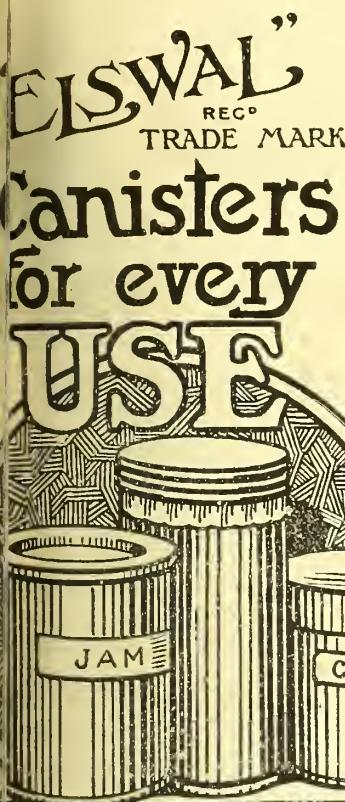
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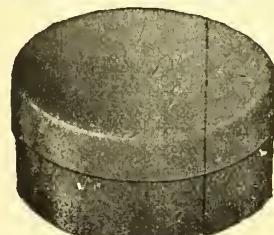
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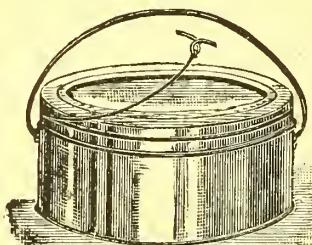
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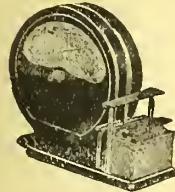
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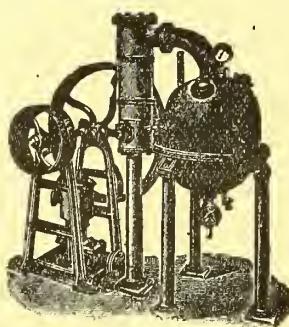
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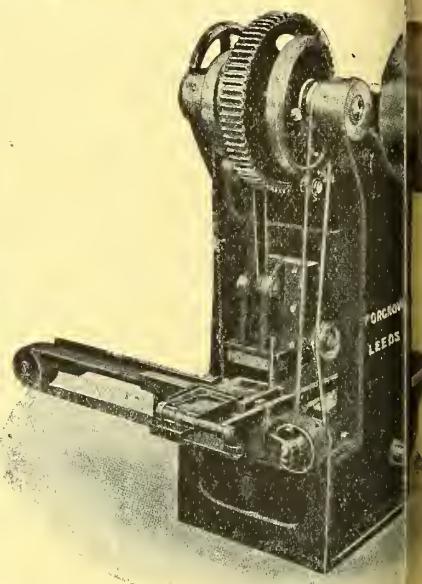




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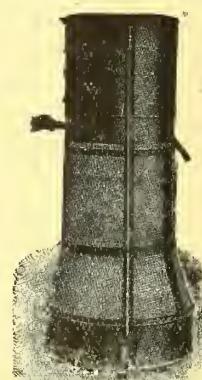
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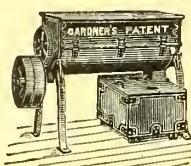
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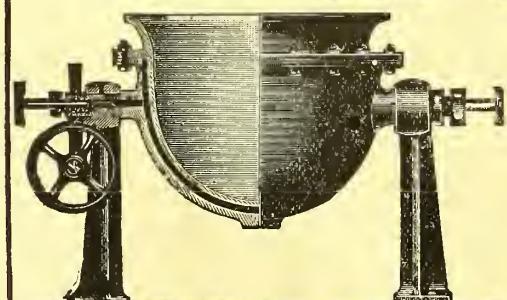
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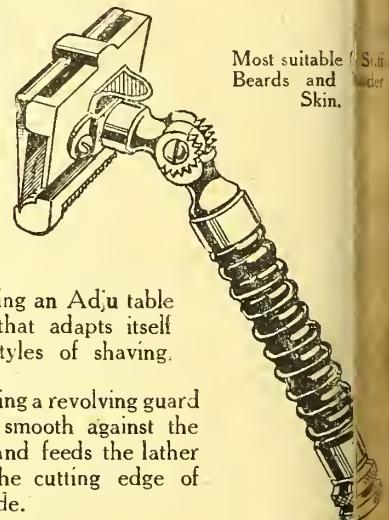
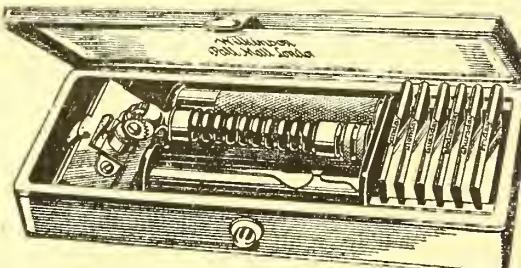
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WILKINSON NEW MODEL SAFETY SHAVER.

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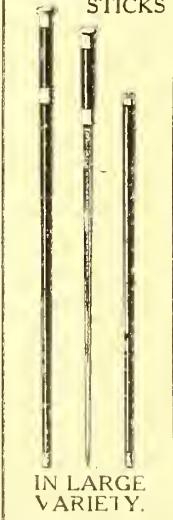
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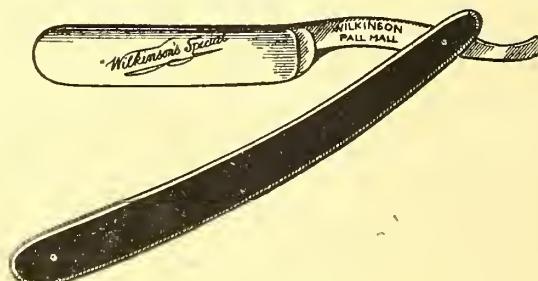
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Are famous throughout the world, and are renowned
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THE CHEMIST AND DRUGGIST



SUPPLEMENT

110 NEW ST.
LONDON, E.C.4.

MAY 22, 1920

Supplement is inserted in every copy of *The Chemist & Druggist*

CHEMIST AND DRUGGIST SUPPLEMENT REVISED ADVERTISEMENT TARIFF.

Wanted and for Disposal, Premises and Shopfittings for Sale, and for 50 words; every additional 10 words or

OPEN: 6/- for 40 words; every additional 6d.

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EXCHANGE COLUMN (for Retailers, etc.). Two-pence per word, minimum 2/-.

BOX NUMBER.

Advertisements may be addressed to a registered number or nom-de-plume, c/o this Office, at a charge of 1/- extra for each

PAYMENT.

Advertisement rates are prepaid, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph

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THE CHEMIST AND DRUGGIST, 42 Cannon Street, LONDON, E.C.4.

Telephone: Central 3617 (3 lines). Telegrams: "Chemicus, Cannon, London" (2 words).

ER CLOSING FOR PRESS. Will advertisers please note that until further notice it will be necessary that Advertisements
be Supplement must be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

ot later than the FIRST POST THURSDAY MORNING.

CHEMISTS' TRANSFERS. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No. 1 City 2283.

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4.E.—Ready-money Retail Business, with N.H.I. last year £3,370, at good prices; 8-roomed house at a rental of £40 per annum; further details

3.E.—For disposal, Dental Practice; established in present hands since 1870; gross receipts £800; roomy house, with surgery and workroom; 7, 14, or 21 years; price £750 and valuation would be considered; Dental qualification

0.ST.—High-class Retail and Dispensing Business, per annum; stock and fixtures estimated at details on application.

ENGLAND.—For disposal, Wholesale Business, £500 monthly; modern factory; two floors; electric; moderate rental; held on lease; further details

HIRE.—Old-established Wholesale and Retail exceed £8,000 per annum, at good profits; long further details on application.

ern Pharmacy, capitably situate in busy square; attractive, well-fitted shop and large garden; held on lease; price £1,600, or valuation.

class Retail and Dispensing Business; returns at full prices; large house; private entrance; garden; held on lease; price £1,600, or valuation.

UATIONS FOR STOCKTAKING.

desire to emphasise the necessity of a periodical Statement of Account, by which means alone Profit, the loss, &c., can be determined. Inevitably as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of confusion and loss.

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VALUERS & TRANSFER AGENTS

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

LONDON.—Wholesale manufacturing business for disposal, comprising valuable freehold factory and splendid residence with spacious grounds, factory well equipped, and all in running order; fine central position. Price for the freehold, plant, machinery, etc., £10,000, stock at valuation; references required.

INTENDING VENDORS

We are in immediate want of sound businesses in all parts of England, especially London, South Coast, S.W. and Western Counties, Midlands and Home Counties, at prices ranging from £300 to £3,000.

Established 1870.

FOR SALE.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office and forwarded on payment of an additional charge of 1s.

FOR Disposal, 20-lb. tin (original) American Peppermint Oil at 35s. per lb.; 20-lb. Citric Acid at 4s. 6d.; 7 lb. Tartaric Acid at 2s. Apply 120/5, Office of this Paper.

SHOP Rounds and Ointment Jars, second-hand, about 200 assorted sizes, cheap; good condition; mostly recess labels; York glass style; particulars sent on application. Hickman & Metcalf, Newbury, Berks.

UP-TO-DATE National Cash Register; perfect working order (S725702H); keys 4d. to £9; two drawers; carefully packed; free on rails, £60; four years in use; never hacked. Apply 120/32, Office of this Paper.

PARTNERSHIPS.

DOES anyone, possessing a good-class Pharmacy, feel in want of a gentleman with modern business ideas, 13 years' varied Pharmaceutical experience, Major qualification, plenty of energy, and some capital? P.C.B. 70/23, Office of this Paper.

EXPERT in Non-Alcoholic Drinks wanted; advertiser has an effective Corking Apparatus and part interest in a thriving Restaurant in Torquay; desires to work three in conjunction. F., 2 Laureston Road, Newton Abbot.

TRAVELLER, Southern Counties, own car, open for passenger with 100 lb. samples; about 4d. mile and 200 miles weekly. Write 1392, Sells' Advertising Offices, Fleet Street, E.C.

BRETT &

Transfer Agents & Valuers

75 LAUREL ROAD, LONDON, N.1

Telephone: 1934.

£2,000 RETURNS, LONDON, N.—Good retail; well-fitted shop, old-established; nice entrance; net profit £600; lease; price £5,500.

£1,200 RETURNS, LARGE TOWN, YORKSHIRE.—Light Brisk Retail; good opening for price £2,600.

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174 Victoria Street, S.W.1. Tel.: Victoria 1-2010.

Valuers for Purchase, Sale, Probate, Income Tax, Balances.

Recommended by The British Drug Houses, J. Macmillan & Sons, Ltd., Messrs. Barclay & Sons, Ltd., and many other well-known Houses. Valuers to the Association of Insurance Companies.

AGENCIES.

6s. for 50 words or less; 6d. for every additional 10 words or less.

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TO MANUFACTURERS OF DYES FOR WOOL AND SILK MIXED MATERIALS.

A well-established firm, since 1890, in South Africa, can sell large quantities of packed Dyes of all colours.

Sole Agency for this country required. Please state price, send samples, also for bulk Dyes.

In a position to sell quantity Dyes, great opportunity to manufacture and capture the market.

Manufacturers must be willing to supply.

References will be supplied to bona-fide inquirers.

Reply to Advertiser, Box 211, Johannesburg, Transvaal, South Africa.

LONDON Agencies wanted by London and connection among Exporters and Travellers. L. A. 383, c/o Deacon's, Lead.

SOUTH AFRICA.—Agencies wanted for Perfumery, etc., by qualified Chemists, South Africa; salary or commission. Apply 120/21, Office of this Paper.

A MANUFACTURING Firm require Agents for the sale of Chemicals, Drugs, Gums, and Packed Goods; Travellers with good connections; liberal commission. 120/29, Office of this Paper.

A SOUND business proposition is offered to a good selling organisation for Tablets and bulk; prices keenly competitive. 120/21, Office of this Paper.

A DVERTISER, shortly proceeding to Canada, wishes to engage a good Agency. Apply P.C.B. 70/21, Office of this Paper.

COMMERCIAL gentleman seeks Agency for proprietary or easily carried lines; N.F. connection with Chemists and Stores. Apply 120/21, Office of this Paper.

BUSESSES FOR DISPOSAL.

ss ; 6d. for every additional 10 words or less, prepaid.

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rded on payment of an additional charge of 1/-.

Pharmacy; delightful district; near station; premises with 2 entrances, bathroom, etc.; no overheads; no opposition; good prices; returns £2,000 cash; owner going abroad; some furniture; opportunity to begin business and house (120/37), Office of this Paper.

lished Business for Sale; returns £1,000; g; low rent; lease; comfortable house, large full particulars to genuine purchaser. Apply to this Paper. No Agents.

ular Seaport.—Exclusive high-class Toilet and returns £5,000; scope for development; fully oak fittings; principal business thoroughfare; fittings about £3,500; held on lease. Apply to this Chambers, Birkdale.

ood working-class Cash; one of best in city; all house, used as lock-up; well fitted; good rent £36; premises to sell; price £500 of stock and fixtures, which might exceed £1,000. Apply to this Paper.

LISHED Wholesale Business in London trading in Chemicals, Specialities, home and export, is for Sale; owner relinquishing owing to other splendid opportunity to acquire a sound and purchase price, including goodwill, stock, and approximately £3,000, exclusive of book debts. ce of this Paper.

uggist's Business, with Dental connection, for d's busy locality; wonderful opportunity for less; long lease; situated in main road Essex St., trams, and buses; owner retiring. Apply to this Paper.

and fixtures at valuation; one good proprie- 2,000 a year; could be doubled by pushing shed 55 years; dwelling-house attached; the prosperous North-East Coast town. Apply 107/8.

Established, unopposed Village Business; good scope for increase; small house and garden; late possession; takings £30 per week, mostly £5 per cent.; might suit unqualified; Sussex; Apply 121/8, Office of this Paper.

ED West End Toilet Preparations and Cos- ss; Gold Medal (Paris); £2,000 all at; veen very extensively advertised and are well- known throughout the United Kingdom and the Colonies; nity for ex-officer or others. Write Schofield, Avenue, Ealing Common, W.

BUSESSES WANTED.

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ay, if preferred, have replies addressed to this
rded on payment of an additional charge of 1/-.

hes to purchase a good-class Chemist's Busi- ness or good opening for same in South Coast, or Hampshire preferred. Send full par- ticipation, lease, rental, turnover, price, etc., in Birmingham" (118/17), Office of this Paper.

shes to purchase good Business, returns £2,000 per annum, in healthy locality; partner- succession entertained; cash available. State ch will be treated in strict confidence, to this Paper.

quires Business, London (W. or N.W. pre- thoroughfare; living accommodation not between £2,000-£2,500; all replies treated with Apply "M. A. H." (119/24), Office of this

SITUATIONS OPEN.

RETAIL.

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 1/-.

BIRMINGHAM.—Unqualified Assistant; single; good Counterman and Dispenser; state salary and when at liberty. Apply "Birmingham" (111/130), Office of this Paper.

LONDON.—Good Junior (male) required; outdoors. Give par- ticulars of age, experience, and salary required, to "Chemist," 388 Uxbridge Road, Shepherd's Bush, W. 12.

LONDON.—Unqualified Assistant, single, with good Counter and Dispensing experience; permanency; state age, experience, salary required, and when at liberty. Apply "U. Q." (111/131), Office of this Paper.

LONDON.—Qualified Manager, single, energetic, and capable, to undertake relief during June, July, August and September; permanent post after conclusion of relief if satisfactory. Apply "Relief" (111/13), Office of this Paper.

LONDON.—Qualified, active, all-round man for busy Retail. Please give full particulars as to experience, age, salary, references, etc., to "Hix," c/o Hayes & Co., 46 Bedford Hill, Balaham, S.W.

LONDON.—Qualified Assistant wanted for brisk Cash business. Please apply, stating age, experience, references, salary re- quired, and when disengaged, in first letter to 122/9, Office of this Paper.

LONDON.—Wanted, qualified Assistant, married, of smart ap- pearance, and good Counterman. Apply, giving full particu- lars as to age, experience, references, and salary required, to 120/27, Office of this Paper.

LONDON, N.—Qualified Manager; good, quick Salesman, and used to Insurance Dispensing; house available; abstainer preferred; state when at liberty, age, experience, references, and salary required; enclose photo, which will be returned. Apply 120/40, Office of this Paper.

LONDON, S.W.—Wanted, competent, active, reliable Assistant for good-class suburban trade; easy hours; no Sunday duty; £100 weekly; must be well up in Dispensing. Apply 119/28, Office of this Paper.

LONDON, W.—Required, May 31st, smart young Junior; capable of assisting with Counter and Dispensing in live Dispensing, Toilet, and Photographic business. Apply J. Keall, 241 Elm Avenue, W. 9.

LONDON, W.—Manager, qualified, outdoors, for Counter, Dis- pensing, and Stock; accustomed to Store trade, with a know- ledge of Photography; state age, experience, and salary required. Apply 119/7, Office of this Paper.

LONDON, W.—Required, a smart, unmarried, unqualified Assis- tant, about 30, for permanency (outdoor); must be of good appearance and address, and a keen Counterman; accustomed to up-to-date business. Letters to Messrs. Wright, Ltd., Chemists, 25 Broadway, Hammersmith.

MANCHESTER DISTRICT.—Wanted, qualified Manager for branch; colliery district (3d. tram fare from town); small N.H.I. and Cash Retail; eight o'clock closing and half-day Wednesday. Apply, giving full particulars as to age, experience, salary expected, to 121/21, Office of this Paper.

NEAR LONDON.—Assistant wanted, about 7th June; good Dis- pensing and Counter experience; qualified or otherwise; must be capable and energetic; age 25 to 30; state salary re- quired, give references and full particulars in first letter. Apply 122/8, Office of this Paper.

NORTH MIDLAND.—Active, elderly, qualified Assistant; out- doors; good-class Mixed business. Particulars, 122/7, Office of this Paper.

NORTH STAFFS.—Qualified Assistant (outdoors), for quick Cash trade; good Salesman, with knowledge of Photography essential. Full particulars, with photo if possible, and salary required, to Oxens, Ltd., Bridge Street, Newcastle, Staffs.

NORTH WALES COAST.—Assistant wanted in Retail, Dispensing, Photographic business; must be able to do developing and printing. Apply, with full particulars, salary, experience, etc., to Williams, Medical Hall, Holyhead.

TEIGNMOUTH.—Unqualified Assistant wanted (outdoors) for good-class Dispensing and Light Retail; no N.H.I. Full particulars of experience, age, and salary required, to H. Bring, Chemist, Teignmouth.

WEYMOUTH.—Smart Junior required until September; Dispensing and Photographic; full particulars in first letter please. F. Howard, The Pharmacy, King Street, Weymouth.

AVACANCY occurs in a high-class Pharmacy, near Victoria, for a well-educated youth as Apprentice. 3/21B, Office of this Paper.

ASSISTANT (lady or gentleman); easy berth; short hours; must be a good Window-dresser, trustworthy, and obliging; permanency. Please give full particulars as to age, references, salary, etc., in first letter, Mrs. Heppenstall, Rexall Pharmacy, Goole.

ASSISTANT (unqualified) wanted for Chemist and Druggist; London district; outdoors; state age, salary, and experience. Apply 118/24, Office of this Paper.

CAPABLE Assistant (unqualified) required; Dispensing, Counter, Window-dressing; state age, experience, and salary required (outdoors), and when at liberty. Jones, Chemist, Pontypridd, Glamorgan.

FRANK A. ROGERS, 327 Oxford Street, W., has a vacancy for a competent Junior Assistant. Please give full particulars of qualification, salary required, etc., in first letter.

GOOD unqualified Assistant required; excellent prospects; out-door. Apply Lewis & Burrows, Ltd., 146 Holborn Bars, E.C.

JUNIOR Assistant required in cash business with some Insurance Dispensing; easy hours; no Sunday or night duty. Applicants must send full particulars of experience, stating age and salary required, to Martyn's Stores, Ltd., Wolverhampton.

JUNIOR Assistant required for good-class Dispensing business in Surrey. Apply Chapman, Chemist, Esher.

LOCUM (qualified) required, used to good business, from June 14th to September 20th. Apply, giving particulars, to J. T. Davis (Chemists), Ltd., 8 Temple Street, Swansea.

LOCUM wanted, take charge fortnight, June 13-27 or June 20 to July 5; Retail and Insurance Dispensing; good salary to competent reliable man. Tobin, Chemist, 49 Harford Street, Mile End, E. 1, close Stepney Green (District Railway).

LOCUM (qualified) wanted for three weeks, commencing June 28th, for a Light Retail and Dispensing business, 4½ miles from the centre of Birmingham. Apply, with particulars of age, experience, references, and terms (indoors) to Rex Allen, Chemist, West Bromwich.

LOCUM required, June 7th, for fortnight; suit elderly man; qualified; state terms, references, etc., in first letter. "Glamorgan" (121/16), Office of this Paper.

MANAGER (qualified) wanted immediately; progressive man essential; applicants must have good London experience; knowledge of Photography and Optics an advantage. Apply, stating age, height, and experience, to "Progressive" (121/11), Office of this Paper.

MESSRS. COOPER, SON & CO., LTD., 24 Sloane Street, S.W. 1, have a vacancy for a Senior qualified Assistant; must have had first-class experience. Apply, with full particulars as to salary, etc., to "B. S."

PARKE'S Drug Stores, Limited, have a vacancy for an unqualified Assistant; applicants must be energetic and progressive, and have a knowledge of Photography. Apply by letter, giving full details as to age, height, and experience, 65 Harmond Street, Kentish Town, N.W. 1.

QUALIFIED Assistant wanted; experienced and reliable; capable organiser, used to up-to-date methods; good prospects to suitable man. Apply, with full particulars, references, age, salary required, and enclosing photo if possible, to Smalley's, Chemists, Opticians, etc., 12 Carr Street, Ipswich.

QUALIFIED Assistant; outdoors; good Mixed business; N.H.I. Kindly state age, height, experience, salary, T. Roberts, Ltd., Dresden, Longton, Stoke-on-Trent.

QUALIFIED Assistant, from 28th May, for with light duties; permanency for suitable suit anyone in not too robust health. Immovable, etc., to Tonking & Rough, Chemists, Salford.

QUALIFIED Assistant, mainly for Dispensing; good references. Apply Phillips, Wolverhampton.

QUALIFIED Dispenser (male) for a West End (outdoors). Apply Lewis & Burrows, 146 Finsbury.

REliable qualified Manager wanted (at district; good middle-class trade; opportunity State full details and salary required to "D.D." this Paper.

UNQUALIFIED Assistant wanted; used to energetic, smart, and of good appearance; outdoors; short hours; no Sunday duty; salary required, and references. Steedman, C. Yorks.

UNQUALIFIED Assistant wanted immediately Salesman and Window-dresser. Apply particulars and salary required, Colmans, 19 Manchester, N.

WANTED, a good Junior; well up in Dispensing; permanency; give full particulars and Smart, Littlehampton.

WANTED (immediately), qualified Manager business near Manchester; must be strong and not afraid of work. Apply S. Hewitt, Marple under-Lyne.

WANTED, capable Assistant, with West End knowledge of Photographic trade essential; preferred. Apply the Manager, Heppell's, 78

WANTED, Temporary Help (male); two weeks. Chemist, 4 Mount Ephraim Lane, S.W.

WANTED, from the beginning of June to a qualified Assistant. Apply, with full salary, experience, references, to Gelling Bros. M. Douglas, Isle of Man.

WANTED, qualified Chemist, to manage Branch district in Leeds doing moderate N.H.I. business, wages, and when disengaged, to 121/5, Paper.

WHOLESALE.

The **Advertiser** may, if preferred, have reply addressed to the Office, and forwarded on payment of an additional charge.

EDINBURGH.

CAPABLE man required as Manager for Works Department. Knowledge of steam plant essential. Surgical Dressings manufacture prospects excellent; give full particulars of experience.

G. F. MERSON, LTD., 7 MEUSE, EDINBURGH.

CHEMIST wanted by London Wholesale druggist, thoroughly experienced in the manufacture of official preparations. Reply, stating "Rheum" (43/4W), Office of this Paper.

INVOICE Clerk (male) required. Write, giving salary required, to Hopkin & Williams, 10 Cross Street, Hatton Garden, E.C. 1.

DRUGGISTS' Sundries Assistant; age 19 post; only those experienced in the trade and commencing salary required to this Paper.

FOREWOMAN, single, for Proprietary Article well-known provincial house; must have knowledge of the trade, and be a tactful disciplinarian. Experience, and wage required, to "Xerium" (3), this Paper.

VE wanted, to take charge of a stall at the
Cambridge, from June 29th to July 2nd,
stating terms, to 11/6F, Office of this Paper.

YES wanted, on 12½% commission basis, to
de Toilet Specialities for the following grounds:
and a 40-mile radius; Leeds and a 50-mile
part Scotland; Durham, Northumberland, and
Lancashire; Chemists' and high-class Hair-
dressers, etc., to Sales Manager, 39

YES are required (at once) to handle a well-
of Toilet Specialities, on commission only;
open Counties, also North of England and Scot-
open, and men, with good connections, seeking
, should write, "Toilet" (P.C.B. 70/19), Office

YES wanted with live connection to sell
sponges on commission basis; Southern,
ern Counties. Apply 119/17, Office of this

YES required, two smart Salesmen, calling
, etc., to sell as a side-line an excellent Toilet
good commission basis; London and suburbs,
ast Coasts. Replies to 121/6, Office of this

Drug Department in London, experienced
esman for home and export. State full details
his Paper.

RTMENT.—Assistant required to prepare
must possess some knowledge of Tablet
accustomed to accurate working; suit young
plicants must state experience, age, and salary
19/14, Office of this Paper.

anted on following grounds to offer a high-
ary article to Chemists and Hairdressers;
ission basis; London, Eastern Counties, South
ties; only active salesmen with established
red. Apply 119/38, Office of this Paper.

anted for London districts to sell 3d. pro-
odly known to Chemists; 20 per cent. commis-
covered. "C." 7 Constance Road, Croydon.

anted by firm of Manufacturing Chemists, to
rticles, Chemists' Sundries, and Proprietaries;
sion to competent Salesmen with connection
cluding territory worked, to 122/1, Office of

irm of Manufacturing Chemists, young man
of less than 30 years of age, with advertising
experience (qualified man preferred) for
it. Write P.C.B. 70/5, Office of this Paper,
er married or single, experience, and salary

SITUATIONS OPEN.

Colonial, Indian and Foreign.)

D NEW ZEALAND.—A leading Wholesale
Drugs, Druggists' Sundries, Packed Goods,
re a Representative to proceed to Australia
an early date; preference given to one having
Australian and New Zealand markets. Apply
Paper.

Qualified Assistant for high-class Dispensing
his business in new Colony; about September
ree years' agreement at salary £350, £375,
ly; passage paid both ways; manager, now
e personal interview in London during May
Apply "Colonial," c/o Bell, Hill, Lucas &
dge Road, London, S.E.

Qualified Assistant, unmarried, age about 22,
ately for old-established European Pharmacy,
thorough Knowledge Retail and Dispensing
agreement; second-class passage paid out and
rst year, £192 second year, £204 third year,
free board and residential quarters. Apply
ionals and photo, to M. H. Export Depart-
Sons, Ltd., 7-12 Aldersgate Street, E.C. 1.

MENTS.—Young Assistant, unmarried, with
fication, a good knowledge of Optics desir-
eement; passage paid out and home; salary
nd and third years £525, fourth year £560.
e of this Paper.

RHODESIA.—An excellent opening for a young, unmarried,
qualified man in a good-class Retail; climate healthy; con-
ditions agreeable. For further particulars apply to "L," 14
Lafone Street, S.E. 1.

RHODESIA (healthiest town).—Two good men, one qualified
Optician and Chemist, with Photographic knowledge, married
or single; one qualified Chemist, of good appearance; must be
steady and reliable; three years' agreement; salary, first year
£560, second £590, third £420, with furnished room; passage
paid out and home. Apply in first instance "F. G. D." (112/36),
Office of this Paper.

SHANGHAI MUNICIPAL COUNCIL. HEALTH DEPARTMENT.

PHARMACIST and Analyst required. Salary Taels 300 per
mensem. At the present rate of exchange Taels 3 equals
£1. Exchange is, however, liable to fluctuation, and the pre-
war rate was Taels 8 equals £1.

Candidates should be between 25 and 35 years of age, and
possess the Major qualification of the Pharmaceutical Society.
They should be experts in the analysis of foods, drugs, poisons,
as required in a Public Health Laboratory. There is a liberal
Superannuation Fund. Three years' renewable agreement, first-
class passage provided, and half-pay allowed during voyage.

Further particulars may be obtained from the undersigned, to
whom all applications should be sent.

MESSRS. JOHN POOK & CO.,
Agents for the Municipal Council of Shanghai.
68 Fenchurch Street,
London, E.C. 3,
April 1920.

SITUATIONS WANTED.

[HOME.]

RETAIL

2s. for 18 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to this
Office, and forwarded on payment of an additional charge of 1/-.

A QUALIFIED Chemist desires immediate employment;
Manager, Senior, permanency, Locum; town, country, seaside
experience; up-to-date Working and Counter Photography; wide
experience opening new businesses; satisfaction guaranteed; every
detail. Apply 115/18, Office of this Paper.

A QUALIFIED Chemist, as Manager or Locum; good references;
experience and active; London or country. Apply 121/19,
Office of this Paper.

A QUALIFIED Dispenser-Bookkeeper desires post with Doctor;
ten years' experience. Address Miss Daniel, 37 Milsom Street,
Bath.

A SENIOR Assistant requires Locum work or permanency; dis-
engaged June 7th; Dispensing, Photographic, and Optics;
good references. F. S. Gorell, 57 Western Road, Brighton.

A DVERTISER, age 18 years, 4 years' good all-round experi-
ence, good Counterman, gentlemanly appearance and address,
desires post as Junior; near sea preferred. P. Reding, Wainfleet,
Lincs.

A N accurate, smart Dispenser, highly experienced, also in
Photographic work and Prescribing, seeks part-time,
London or near; smart Salesman; West-End experience; tall; 32;
good appearance and address; knowledge of French and Counter-
Continental Prescriptions; would entertain Locum, or night work;
unqualified. "D," 177 Hammersmith Road, W. 6.

A SSISTANT; unqualified; six years' experience Dispensing,
Counter, etc.; energetic; Midlands or North. Salary, etc.,
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A SSISTANT (lady) desires situation; Counter, Dispensing,
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testimonials. "Adaptable" (115/16), Office of this Paper.

A SSISTANT or Manager; 45; competent Dispenser, Salesman,
and Prescriber; active, single, unregistered. "Statim," 118
Eldon Road, Marsh, Huddersfield.

A SSISTANT, Junior; unqualified; 21; high-class Counter and
Dispensing experience; excellent references; Lancashire pre-
ferred. Apply Halliwell, Higher Bank Street, Blackburn.

A SSISTANT, 5 years' good experience, requires summer engage-
ment in good Dispensing business; salary 55s. (outdoors),
or equivalent indoors; disengaged. Chemist, Freemantle Road,
Cottingham, Bristol.

A SSISTANT (21) requires post; disengaged May 31st; good experience and references; Loudon or East Coast preferred, but not essential. Apply Hurn, Chemist, Rupert Street, Norwich.

A SSISTANT, unqualified; Locum or permanency; experienced all round; disengaged. "Radix," 72 Tremadoc Road, Clapham, S.W.

A SSISTANT, unqualified, age 31, 12 years' experience as Counterman, Window-dresser, and N.H.I. Dispenser, requires permanency, or willing to do relieving during summer holidays; at liberty 1st June. P. Simpson, 92 Littlemoor Lane, Doncaster.

A SSISTANT, unqualified (27), experienced Dispensing, Counter, and Photography, desires engagement. H., 42 Gascons Avenue, N.W. 6.

A SSISTANT, unqualified; 14 years' all-round experience; 32; excellent references; abstainer; permanency; disengaged. Details and salary to "H.," c/o Mrs. Brewster, Fore Hill, Ely, Cambs.

A SSISTANT, 26, unqualified, desires charge; 10 years' all-round experience; excellent references; kindly state salary. Apply 120/24, Office of this Paper.

A SSISTANT, 26, 12 years' first-class Dispensing experience, desires post till October; salary required £4 per week. Full particulars to "Provincial" (121/23), Office of this Paper.

CAN thoroughly recommend young man (23) for Back Counter and Photographic work, or Wholesale department. Billman, Attwell, Cranleigh.

CLERICAL.—Evening work of any kind; posting up and accounts; terms moderate. "F. G." (118/31), Office of this Paper.

COMPETENT (unqualified); 32; married; Photography, best Counter and Dispensing experience; comfortable permanency desired. 16 Carlton Park Avenue, Raynes Park, S.W. 19.

DISENGAGED.—Qualified Manager; permanent or Locum; West End preferred; 25 years' London experience. "Chemist," 108b Elgin Avenue, W.9.

DISENGAGED.—Qualified Pharmacist, many years' City and West-End experience, seeks position as Manager, Locum, or other responsible position. Apply Duckett, 200 Buckingham Palace Road, S.W.

DISPENSER (lady), qualified, wants part-time Dispensing, afternoons or evenings, in London. Apply 119/35, Office of this Paper.

DISPENSER (Minor) desires post; Chemist, Institution, or Doctor. Miss Steabben, High Street, Watford.

E. W. POLLARD, Ph.C., B.Sc., of Ryde, recommends his late Apprentice as a Junior Assistant to a high-class Pharmacy, London or suburbs (West End preferred); high-class Dispensing, quick Counter, Photography, etc.; registered; well educated; entering for London Matric.; free about end of June. Apply E. W. Godding, 38 Argyll Street, Ryde, I. of W.

ELDERLY M.P.S. desires engagement; light Retail, operative Dentistry; is registered Dentist. "Chemdental," The Willows, Talke, Staffs.

FOR about 3 months; Assistant; unqualified; age 26; 5 ft. 10 in.; 7 years' good all-round experience; good appearance. Apply 121/35, Office of this Paper.

JUNIOR Assistant, young lady, seeks permanency; accustomed to Counter, Stock, Dispensing, Photographics, and Wines in good-class business. Please state terms to Miss Hollingworth, Medical Hall, Holyhead.

JUNIOR (18), tall, requires situation; four years' excellent experience Dispensing, Counter; good reference. Apply Jackson, The Waverley, Ilkley.

JUNIOR seeks situation; Brighton, Hove, or locality; good experience; references. Apply Russell, 18 Lime Hill Road, Tunbridge Wells.

L. ROWLAND & CO., Chemists, Wrexham, can recommend a good Junior Assistant. Apply Sir Leonard Rowland, Wrexham.

LADY Dispenser (Hall) desires post, Doctor or Chemist; good Dispensing and Counter experience. B., Mill House, Albury, Surrey.

LADY Dispenser (Hall) desires post, London Hospital, or Chemist, or part-time; experience 122/6, Office of this Paper.

LADY (27), Pharmacist, 9 years' first-class experience; branches Pharmacy, desires post; state salary 65 Markham Avenue, Harehills, Leeds.

LADY, unqualified, desires situation; seven years' highest class Pharmacy and Doctor's D £200. Apply 119/23, Office of this Paper.

LOCUM; qualified; smart; age 32; disengaged. "Chemist," 33 Victoria Street, Brighton.

LOCUM or temporary for a few months; high at present disengaged. Allan, 112 Northampton.

LOCUM or Manager; married, abstainer, qualified experience; highest references; free J. Sturton's, Chemists, Cambridge.

LOCUM, disengaged June 7th to 26th inclusive 3 weeks; good references; terms moderate. London, or South preferred. Jackson, 58 B Oldbury.

LOCUM, Branch, Senior; 46; 30 years' unbroken record of experience; country or desired; married, no family; disengaged; reasonable. "Fairley," 5 Port Street, Evesham.

LOCUM; highest references; well recommended. "Beta," 74 West Hill, East Putney.

LOCUM, 30 years' wide experience, disengaged moderate terms. Smith, Chemist, 229 W Road, S.E. 1.

LOCUM, experienced, free May 27-June 12, remainder season booked "repeats"; good and permanent; unqualified. "Number One," S.E. 15.

LOCUM; unqualified Assistant; first-class W experience; Counterman; age 27; free October. Write 111/28, Office of this Paper.

LOCUM or permanent; wide experience (English qualified Dispenser, competent, industrial work) dates. "Aspiria," 82 Dahomey Road, Streatham.

LOCUM.—Pharmacist (30), just disposed of for Locum by day or week; London only. Apply this Paper.

LOCUM or permanent, Manchester district, Doctor or Chemist; capable to take charge. "Rhei," 18 Galloway Street, Hulme, Manchester.

LOCUM Tenens; retired Chemist, disengaged, no full particulars, Richards, 129 Alderson Road.

LOCUM, first-class Pharmacist, just disposed of able immediately and for June. Apply 121/38, Paper.

MANAGER or Senior desires situation in high-class and Retail business; highest references; experience; London preferred. 120/30, Office of this Paper.

PART-TIME.—Unqualified Dispenser; age 21; dispensing and Counter experience; excellent references. 126 Cambridge Street, S.W. 1.

PHARMACIST, 28, four years' Branch Manager, Student, desires Locum July 1st-August 1st, district preferred. "H. B.," 597 Chorley Old Road.

QUALIFIED; age 24; high-class Dispensing experience; available after June 20th. Apply 118/23, Office of this Paper.

QUALIFIED, 34, single, desires position Manager Dispensing and Counter experience; active references. Particulars of salary, etc., to A. Bonsor Road, Folkestone.

RETIRED Pharmacist, healthy and active, requires four or five days a week; would not object to well-known in the Manchester district. Apply a P. Rusholme, Manchester.

speaking, qualified Assistant, with high-class experience and excellent references, age 27, height 5 ft. 9 in. Desires situation immediately; willing worker. 109/21, Wellington Crescent, Harrogate.

Assistant seeks situation; four years' experience in dispensing; age 21; height 5 ft. 9 in. Apply to this Paper.

Post wanted by partially qualified lady Dispenser. District of London; moderate salary; disengaged. 120/10, Office of this Paper.

Good all-round experience Retail and Dispensing; recently demobbed; Sergeant Dispenser in R.A.M.C.; age 37. Address Coleman, 42 Cambridge Road.

Assistant, 21, used high-class Counter work, user. Window-dresser, all lines of Photography, etc.; of gaining further experience, desires post in user; free about end July. Apply 119/32, Office of

WHOLESALE.

May, if preferred, have replies addressed to this, or on payment of an additional charge of 1/-.

LY, tall, young, and smart Representative, ex-calling upon all branches of the profession and appointment. "Expert" (121/33), Office of

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Qualified Chemist (lady), with excellent experience and Toilet Requisite manufacturer, desires of Perfumery firm; good references. Apply to this Paper.

AKER (first-class work), age 27, seeks situation preferred. Apply P.C.B. 70/7, Office of this

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young Frenchman, 20, speaking and writing, desires situation in Wholesale, Retail, or dist's; three years' experience in large international Counterman and Perfumery Salesman; Pierre Godart, 1 Place Longueville, Amiens,

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10s. for 60 words; 1s. for every additional 10 words or less.

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MACADAM & TUCKNICKS, Stock and Share Brokers, Bank Chambers, Blackheath, S.E. 3. Established 1898. Telephone: 81 Lee Green.—Shares for Sale (free of commission, subject): 70 Allenbury "A" Pf., 16s. 6d.; £500 W. J. Bush Deb., 60s.; 300 Evans Lescher Pf., 15s. 6d.; 164 Idris "A" Pf., 11s. 9d.; 100 G. B. Kent Pf., 15s. 9d.; 50 Lewis & Burrows Ord., 16s. 4d.; 50 Wright Layman Pf., 17s.—Shares Wanted (subject): Allenbury Pf.; Camwals; Idris Deb.; Meggeson Ord., 21s. 9d.; 400 Pears Pf., 30s. 6d.; Wright Layman Pf.—Bankers, London County and Westminster.

SHOP FITTINGS.—12 ft. Drug Fitting, most modern design; 6 ft. 12 ft. glass-fronted Counter; Perfumery Case and Desk; 6 ft. bent plate-glass Counter Case; 6 ft. Dispensing Screen and Counter; 8 ft. Wall Showcase; forms complete Pharmacy. Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

SPECIAL OFFER.—5 gross tins Solidified Brilliantine, put up in handsomely decorated green oval tins, with attractive lid; delicately perfumed; perfect condition; superfine quality; price 72s. gross, accept £17 10s. for lot; terms, net cash with order, carriage forward. Kennedy, 4 St. John's Street, Broughton, Manchester.

TO clear, below cost, 50 gross 1½-oz. ring-neck Brills, w.f., at 20s.; 50 gross 3- and 4-oz. Tobins at 24s.; 20 gross 3-oz. Rounds at 24s.; about 60 gross, assorted sizes; four original barrels of 40 gallons each, odourless and bloomless White Mineral Oil at 5s. 9d. per gallon; 50 gross Sprinklers at 9s. per gross. Sillwood Manufacturing Co., Ltd., 21/22 Sillwood Street, Brighton.

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21 LARGE Fort-Reviver; 24 large, 24 small, Fawcett's Barley; 18 Ambrosia Dried Milk; what offers? Bellamy, Barnsley.

NATIONAL Cash Register, "Auto"; new last September; cost £6 6s., take £5. H. Selwyn, Newsagent, 22 St. John Street, E.C. 1.

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THRÉE swan-neck Carboys, Specie Jar, Recess Shop Rounds, and 10 gross screw-cap oval Tablet Bottles. Particulars Matthews, Chemist, Clifton, Bristol.

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WANTED.

WINTER ISSUE of THE CHEMIST AND DRUGGIST, 1903 (January 31). Apply S. B. (15/15), Office of this Paper.

PHARMACEUTICAL Books wanted; cash offers on receipt. Gower, Bookseller, 41 Voltaire Road, Clapham.

WANTED, Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

THE ANNUAL SPECIAL ISSUE

of

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